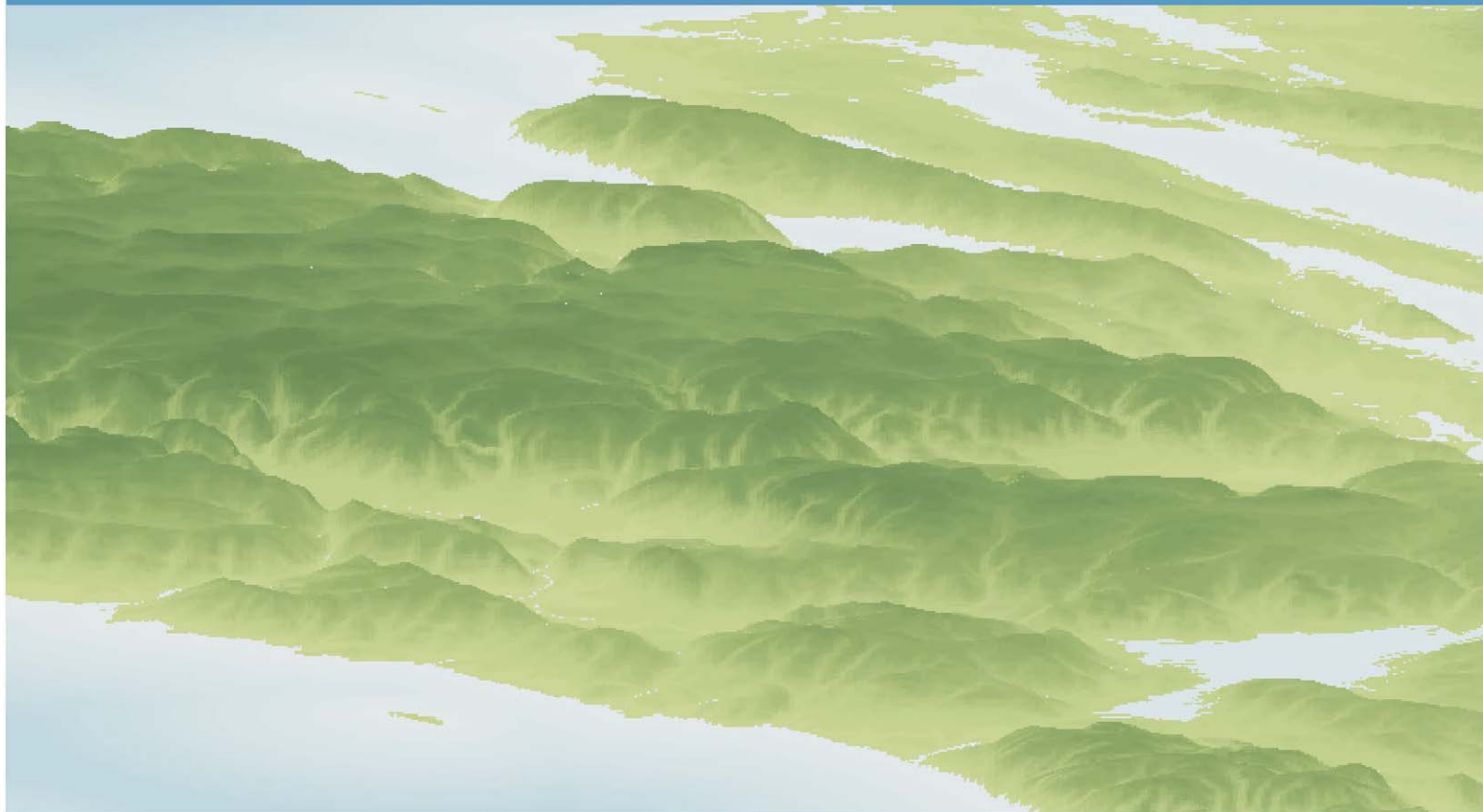


Centre of Geographic Sciences

2008 - 2009

Graduate Profiles

Cartography • Digital Mapping • Geographic Information Systems
GIS Technician - GIS for Business • Geomatics Engineering Technology
Marine Geomatics • Planning: Land Information Technology
Remote Sensing • Survey Technician



Introduction

Welcome to the *2008-2009 Graduate Profile* booklet for the Centre of Geographic Sciences. This booklet is designed to help you, the employer, seek out and find, a suitable candidate for a position within your company. These graduates come with varied backgrounds, experiences and skill sets and are eager to help you fill the needs of your organization.

Over the past year or two, this fine group of students have worked hard to meet the demands of a rigorous school schedule to expand their knowledge of Geographic Information Systems, Remote Sensing, Marine Geomatics, Geographic Information Systems for Business, Cartography, Surveying, Geomatics Engineering and Planning. It is with excitement and anticipation that the graduates begin to explore the geomatics industry in order to apply their newly acquired knowledge.

To help you find the appropriate candidate, the profile booklet has been organized by discipline of study. A list of programs and graduates can be found after the introductory letters, providing a quick glance at the graduates and their areas of expertise. A program overview, followed by the resumes of graduates from the program, is then given in the order seen in the program and graduate list. At the back of the booklet, a set of guidelines will assist you in contacting graduates you wish to reach.

Again, *thank you* for taking your time to read the *2008-2009 Graduate Profile* booklet and we, the graduating class of 2009, sincerely hope you find a graduate that will fill your needs.



**2008 Tour of LiDAR plane with
AGRG Staff**



**2009 Tour of Bedford Institute of
Oceanography**



**2009 NSCC Hockey Tournament
Champions**

Acknowledgments

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Photo Credits

Student photographs provided by Krista Danylkiw. The cover image of Cape Breton perspective from the northwest developed by Marie Ducharme using ArcScene (9.3). Images on page i provided by Paul Illsley and Lauchie MacDonald. The page ii image of COGS provided by Paul Illsley (www.paulillsley.com, Paul.Illsley@nscc.ca).



A Brief History of COGS A Nova Scotia Institution Since 1948

NSLSI: Nova Scotia Land Survey Institute (1948-1986)

From its inception in 1948 as a survey school, by Major J.A.H. Church, the facility developed into a diversified training institution for Survey, Mapping and Computer programming.

College of Geographic Sciences (1986-1998)

In 1986, NSLSI was officially changed to the Nova Scotia College of Geographic Sciences under an act of the Provincial Legislature. The new name was selected to better reflect the diversity of geographic sciences taught in Lawrencetown. The brand COGS became synonymous with geomatics training excellence on a national and international basis.

During this time the NSCC was created and in 1989 they took over the Nova Scotia College of Geographic Sciences and incorporated the institution as a college campus.

COGS: Centre of Geographic Sciences (1998-Present) Annapolis Valley Campus, NSCC

The Annapolis Valley Campus of the Nova Scotia Community College was created in 1998 through the merger of the former Annapolis Campus located in Middleton and the former Nova Scotia College of Geographic Sciences, located 9 kilometres to the west, in Lawrencetown.

The Centre of Geographic Sciences (COGS), a division of the campus, amalgamates programming in the Geomatics and Information Technology areas into one cohesive unit focused on high technology programming and industry training.

The Lawrencetown site of the campus houses the Geomatics Department of the Centre of Geographic Sciences and strengthens the predecessor institutions' emphasis and reputation in the geographic sciences.

To Prospective Employers,



Jim Stanley
Principal, Annapolis Valley Campus, NSCC

The long outstanding reputation of the quality of graduates from the programmes in Geomatics is now in the hands of the group of individuals included in this book. I can assure you that they continue that tradition effortlessly and that they exhibit the results of training at the highest of levels, not only in Canada, but around the world. They present to you a set of skills that are at the leading edge of their chosen programmes, and the range of their talents, from technical ability to work ethic, is second to none.

I recommend this year's graduates to you, and at the same time wish them all best wishes for a successful career future.



Bruce Hicks
Academic Chair Geomatics, School of Applied Arts & New Media

On behalf of the Geomatics Department of the School of Applied Arts & New Media, it gives me great pleasure to introduce some of the Class of 2009 from the Geomatics Programs of the Nova Scotia Community College's Centre of Geographic Sciences. Our students are completing an intensive training program utilizing modern geomatics techniques and technologies. This training has been hands-on using real world problems and I am confident they are well prepared to be productive employees for any organization involved in geomatics.

This year's graduates are ready to embark on geomatics careers and I take pride in being able to recommend them to you.



Bruce Tawse
Dean, School of Applied Arts & New Media

Nova Scotia Community College's Centre of Geographic Sciences continues to produce graduates with the technical, critical thinking, team oriented and problem-solving skills so necessary to succeed in today's work environment. Our students from the Class of 2009 have proven themselves to be innovative and resourceful men and women who are ready to contribute to the geomatics industry and organizations who demand competent and skilled employees.

On behalf of NSCC, COGS and the School of Applied Arts & New Media, I am pleased to introduce and recommend our students to you.

2008-2009 COGS Graduate Profiles

Cartography - Digital Mapping (page 1)

| | |
|--------------------------|--|
| Barbara Pietersma | <i>B.Comm., Saint Mary's University</i> |
| Robin Lucas | <i>B.A. Sociology/Anthropology, Dalhousie University</i> |
| Mat Noble | |
| Josh Wry | |

Geographic Information Systems (page 4)

| | |
|--------------------------|---|
| Josh Blakeney | <i>B.Sc. Geography, Saint Mary's University</i> |
| Chris Campbell | <i>B.Sc. Acadia University</i> |
| Krista Danylkiw | <i>B.A. Geography, University of Guelph</i> |
| Marie Ducharme | <i>B.Sc. Agricultural & Environmental Sciences, McGill University</i> |
| Mark Geddes | <i>B.A. Geography/Music, Mount Allison University</i> |
| Gabriel Huebsch | <i>B.Sc. Geography, Trent University</i> |
| Christopher Jorna | <i>B.Sc. Geography, York University</i> |
| Lindsay King | <i>B.Sc. Biology, University of Guelph</i> |
| Kathryn LeBlanc | <i>B.Sc. Geography, Saint Mary's University</i> |
| Mike MacRae | <i>Forest Technology, Maritime College of Forest Technology</i> |
| Mark McGuire | <i>B.A. Political Science/History, Saint Francis Xavier University</i> |
| Cameron McNeill | <i>B.Sc. Geography, Saint Mary's University</i> |
| Andrea Power | <i>B.A. Geography, Saint Mary's University</i> |
| Scott Sawler | <i>B.Sc. Geography, Saint Mary's University</i> |
| Jeff Slauenwhite | <i>B.Mgmt., Dalhousie University</i> |
| Justin Snow | <i>B.Sc. Kinesiology, Dalhousie University</i> |
| Elise Theriault | <i>B.Sc. Geography, Université de Moncton</i> |
| Chinwe Ulasi | <i>B.Sc. Agronomy, University of Ibadan</i> |

Geographic Information Systems for Business (page 15)

| | |
|-----------------------|--|
| Felix Brun | <i>B.E.S., University of Windsor</i> |
| Heather Craig | <i>B.Sc. Psychology, Dalhousie University</i> |
| David Crawford | <i>B.E.S., University of Waterloo</i> |
| Chris Olive | <i>B.B.A. Economics, University of New Brunswick</i> |
| Mary Pattison | <i>B.A. Geog / Int'l Development / Enviro, McGill University</i> |

Geographic Information Systems Technician (page 19)

| | |
|-----------------------|--|
| Peter Jenkins | |
| Chad Mahoney | |
| Michael Potter | <i>Information Technology (Networking) Diploma, NSCC</i> |

Marine Geomatics (page 22)

| | |
|----------------------|--|
| Greg Braun | <i>Survey Technician Diploma, NSCC, COGS</i> |
| Dawn Bugden | <i>Internet Technology Solutions Development, NBCC</i> |
| Jen Carlsen | <i>Geological Technician, Sir Sandford Fleming College</i> |
| Kim Childs | <i>B.A. Geography, University of Ottawa</i> |
| Mila Cox | <i>B.Sc. Biology, Dalhousie University</i> |
| Katie Freeman | <i>B.Sc. Biology, Saint Mary's University</i> |
| Shauna Neary | <i>B.A. Geography, Mount Allison University</i> |

Planning: Land Information Technology (page 27)

| | |
|-------------------------|---|
| Tracy Bruce | <i>GIS Technician Diploma, NSCC, COGS</i> |
| Mandy Burgess | <i>B.A. Geography, Mount Allison University</i> |
| Stephanie Norman | <i>B.A. Geography, Saint Mary's University</i> |

Remote Sensing (page 30)

| | |
|------------------------|---|
| Annette Bugden | <i>B.C.S., Dalhousie University</i> |
| Nathan Crowell | <i>B.Sc. Biology and Psychology, Acadia University</i> |
| Ian Healy | <i>M.B.A. Finance, University of Maine</i> |
| Andrea Kmetty | <i>B.A. Geographic Analysis, Ryerson University</i> |
| Jeffrey Osborne | <i>B.Sc. Biology, Dalhousie University</i> |
| Alicia White | <i>B.Sc. Geography, Memorial University of Newfoundland</i> |
| Francis Wiig | <i>M.A. Archaeology and Heritage, University of Leicester</i> |

Survey Technician (page 35)

| | |
|-------------------------|---|
| Justin Campbell | |
| Colin Chambers | <i>Business Administration Diploma, NSCC</i> |
| Ryan Francis | |
| Benjamin Kaul | |
| Peter MacDougall | <i>B.B.A., Saint Francis Xavier University</i> |
| Rodney MacLean | <i>B.B.A., Saint Francis Xavier University</i> |
| Jordan McGrath | <i>B.Comm. Co-op, Dalhousie University</i> |
| Janet Meisner | |
| Kufre Silas | <i>Dip. Comp. Studies, Systematic Institute of Information Technology</i> |
| Jon Thomas | |

Program Overview Cartography - Digital Mapping

The Cartography program in Lawrencetown has been training technicians for over 46 years and continues to produce industry-ready cartographers who are skilled and able to accept any mapping challenges on the job. This year marks the end of the Cartography Diploma as COGS transitions to an inter-disciplinary two-year Geographic Sciences Diploma with Concentrations in Cartography, Community and Environmental Planning, Geographic Information Systems and Remote Sensing Technology.

Cartographers are specialists in geographic visualization and have the ability to communicate spatial data with a variety of mapping techniques. The cornerstones of learning include the extensive use of software tools such as Geographic Information Systems, Computer-Assisted Drafting and Graphics packages. Students gain wide-ranging practical experience by working on datasets of governments and other agencies who may employ them after graduation. Courses are project-driven to emulate typical tasks in the “real world”.

Our cartography program has produced students who make the best maps in Canada. *National Geographic*, *Canadian Geographic* and the *Canadian Cartographic Association* have recognized our students' abilities with numerous awards.

Alumni of the Cartography Program are employed in a wide range of industries, including the resource sectors and many provincial and government agencies.

Employers appreciate the work ethic and problem-solving skills of our cartographers. Our graduates enjoy an international reputation as highly skilled technicians.



Ada Cheung
Cartography Faculty
NSCC - Centre of Geographic Sciences (COGS)
Lawrencetown, Nova Scotia, Canada, BOS 1M0
Phone: 902-584-2073
E-mail: Ada.Cheung@nscc.ca

(4 of 13 *Cartography - Digital Mapping* students chose to be included in this publication.)



BARBARA PIETERSMA

Excited about the prospect of working in the field of Cartography and GIS this summer

EDUCATION

2010 - Cartography – Digital Mapping Diploma (First Year)
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2003 - B. Comm. Finance, Co-operative Education
Saint Mary's University, Halifax, NS

SKILLS

- Software: ArcGIS 9.3, AutoCAD Map 3D, CorelDRAW X4, Microsoft Office Suite, Adobe Acrobat 9 Pro, Adobe Photoshop, Illustrator, Dreamweaver CS3, Windows 2000 and XP
- Map production, design, layout and cartographic standards
- Geospatial data analysis and manipulation
- Geodatabase setup and data entry
- Interpreting air photos and working with satellite imagery
- Geo-referencing, digitizing, managing geographic data.
- Academic research skills
- Strong organization and time management skills

WORK EXPERIENCE

2008 - Account Manager-Underwriting
Business Development Bank of Canada

Conducted analysis, research and due diligence to consistently present high quality proposals and recommendations to management

2002 - Business Information Officer
Canada/NS Business Service Centre

Provided demographic and market research services to entrepreneurs from industry specific databases

2001 - Information Technology Coordinator
Sunbury Transport

Coordinated and delegated technical services, purchased computer hardware and software and troubleshooting

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Saint Mary's Entrance Scholarship
- Elizabeth Dunsworth Durdle Bursary, 2000-2001
- Students Council Representative and Student Mentor
- Actively involved in community as a skating instructor
- WHMIS and OHS Certification



ROBIN LUCAS

I love working on the ocean and doing new things

EDUCATION

2009 - Cartography – Digital Mapping Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

SKILLS

- Experience with creating maps using ESRI ArcMap, ArcToolbox and ArcCatalog
- Experience with cleaning data using CARIS HIPS and SIPS
- Widespread knowledge of CorelDRAW X3 and Corel Photo-Paint X3
- Extensive experience with manipulating and generalizing spatial data
- General knowledge of creating mariner charts using CARIS V.4.4a
- Knowledgeable with NTX, S-57, NTDB and NSGC standards
- Proficient with using Microsoft Office Word and Excel
- Skilled in utilizing Adobe Illustrator CS2, Map Publisher
- Able to build maps using Bentley MicroStation V8 XM Edition
- Skilled in quality management with checking maps and charts

WORK EXPERIENCE

2008 - Student Hydrographer
Canadian Hydrographic Services

Worked in Nautical Publications and went on three-week surveying cruise around NFLD

2006 - Contractor
Geological Survey of Canada & Canadian Hydrographic Services

Digitized reports, maps and other forms of data and compiled them into databases

2000 - Information Centre Clerk
Geological Survey of Canada , Atlantic

Cataloged and filed digital and hard copy seismic, sidescan and bathymetric data

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Volunteered as Treasurer for community
- Volunteered as CAP Site Monitor
- Participate in Terry Fox Run
- Involved with Reach Out NS Volunteer Day
- Took part in Labatt's 24-Hour Relay
- Completed 10.5 credits towards Sociology and Social Anthropology Degree at Dalhousie University, Halifax, NS in 2006



MATHIEU NOBLE

My goal is to pursue a career in Cartography/Geomatics

EDUCATION

2009 - Cartography – Digital Mapping Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2005 - French Immersion High School Diploma (with Honors)
Memorial High School, Sydney Mines, NS

SKILLS

- Design symbols, text and layout properly
- Make topographic, thematic and statistical maps
- Make animated maps (using Flash Multimedia)
- Geo-reference and rectify spatial imagery
- Design and manage geodatabases
- Work on multiple projects simultaneously
- Use Trimble GeoXT handheld GPS device
- Research and compile geographic information for mapping
- Manage projects to stay on task
- Manipulate and enhance photos for presentation

WORK EXPERIENCE

2008 - GIS/Cartographic Technician Assistant (CO-OP Position)
Cape Breton Regional Municipality (Sydney, Nova Scotia)

Tasks: Constructing maps and data management using ArcGIS 9.2, GPS work using Trimble GeoXT

2007 - Lead Kayak Guide
North River Kayak Tours (St. Ann's Harbour, Nova Scotia)

Tasks: Teaching kayaking, preparing and leading tours, ensuring safety and keeping people happy

2006 - Waiter
The Water's Edge Inn- Cafe- Gallery (Baddeck, Nova Scotia)

Tasks: Greeting customers, taking meal orders, preparation of desserts and receipt of payment.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Highest marks in first year Cartography (2008)
- Am comfortable in written and spoken French
- Enjoy office work and field work equally
- Happy working in Geographic Sciences
- Comfortable dealing with people
- Enjoy problem solving / being creative with work



JOSH WRY

Outdoor enthusiast; easy to get along with; enjoy travelling

EDUCATION

2009 - Cartography – Digital Mapping Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

SKILLS

- Quality Control
- Database Management
- Extensive use with ArcGIS
- Experience with programming (VBA, C#)
- Manipulating and generalizing spatial data
- Knowledge and use of Provincial Standards
- Experience with MicroStation and AutoCAD
- Experience with MapInfo
- Experience with testing new applications
- Technologically inclined with the use of hardware and software

WORK EXPERIENCE

2008 - GIS Tech
Nova Scotia Geomatics Centre - NSGC

Quality control and database management for the Nova Scotia Civic Address File - NSCAF

Program Overview Geographic Information Systems

The *Geographic Information Systems Advanced Diploma* prepares students to join the workforce in roles such as GIS Specialists or GIS Analysts. Analysis and programming are emphasised in the program. The message we receive from employers is that our graduates bring with them a wide range of experience and are ready to work.

The Class of 2009 is no different: a variety of undergraduate backgrounds (biology, computer programming, environmental & natural sciences, forestry, geography, kinesiology, management and political science) matched with abilities to implement GIS technologies.

The Centre of Geographic Sciences provides students with a unique atmosphere in which to study GIS as our site is completely focused on geomatics disciplines. The opportunity for students to learn from experts in a variety of fields, such as Remote Sensing, Cartography, Planning, Surveying and Marine Geomatics, is widely exploited. The *GIS*, *Remote Sensing* and *GIS for Business* programs share a common first term in which fundamentals for each discipline are provided. In our second term, students have the opportunity to enroll in electives in any of these fields. As a result, our students have a wide variety of expertise enabling them to begin their careers on the run.

I think you will be impressed by the credentials and enthusiasm of the students profiled on the following pages.

Enjoy the read!



David MacLean
Geographic Information Systems / Remote Sensing Faculty
NSCC - Centre of Geographic Sciences (COGS)
Lawrencetown, Nova Scotia, Canada, BOS 1M0
Phone: 902-584-2088 Fax: 902-584-7211
E-mail: David.MacLean@nscc.ca

(19 of 21 *GIS* students chose to be included in this publication.)



JOSH BLAKENEY

An organized, analytical thinker with great communication skills, who is innovative and dependable

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2008 - B. Sc. Geography
Saint Mary's University, Halifax, NS

SKILLS

- Adobe Illustrator and CorelDRAW for map and poster creation
- ESRI 9.2/9.3 software such as ArcMap, ArcCatalog
- PCI Geomatica
- Microsoft Visual Studio
- MapInfo
- Familiar with JavaScript, VB.net, C# and Python languages
- Statistical analysis with SPSS
- SQLPlus Scripting, UNIX
- Microsoft Office 2007

WORK EXPERIENCE

2008 - GIS Assistant
Halifax STAR Project, TURP, Saint Mary's University
Responsible for creating and maintaining a land use map and database for Halifax County
2008 - Lab Assistant
Saint Mary's University
Providing support and guidance to students in the Cartography and Map and Air Interpretation courses
2008 - Researcher
Community Based Environmental Monitoring Network, Saint Mary's University
Helped design and compile an instruction manual to aid community groups obtain information and perform analysis in their local areas

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Bilingual Certificate (English/French), High School Diploma



CHRIS CAMPBELL

GIS/RS applications in exploring and protecting Canadian interests

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2001 - B. Sc.
Acadia University, Wolfville, NS

SKILLS

- ESRI ArcGIS, Arc/INFO, ArcIMS, GRID (Spatial), TIN (3D)
- Google Earth Professional, Sketchup Professional
- ERDAS Imagine
- PCI Geomatica
- GPS, LiDAR
- VB.net , SQL
- Computers & networking
- Other electronic equipment

WORK EXPERIENCE

2007 - Service Technician
Konica Minolta
2006 - Computer Store Sales, Computing User Services Staff, Electronics Technician
University of Victoria
2004 - Clerk
7-Eleven Convenience Stores

AWARDS, ACHIEVEMENTS & OTHER NOTES

- CompTIA A+ Certified Computer Technician
- CompTIA Network+ Certified Network Technician
- Konica Minolta Certified Associate & Professional
- Occupational Health & Safety
- Workplace Hazardous Materials Identification System



KRISTA DANYLKIW

Eager to use new skills ideally in the environmental impact assessment or resource management fields

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2002 - B. A. Geography
University of Guelph, Guelph, ON

SKILLS

- Confident with MapInfo Professional including Vertical Mapper
- Geodatabase Design with ESRI9.3 Software (ArcGIS, ArcCatalog)
- Comfortable with UNIX, Oracle, SQLPlus Environments
- ArcGIS Business Analyst and ArcGIS Network Analyst
- Map creation and poster presentation with CorelDRAW
- Statistical Analysis employing SPSS and Microsoft Excel
- Familiar with HTML, JavaScript, VisualBasic2005 and Python
- Competent utilizing Microsoft Office Suite
- Experience using PCI Geomatica and OrthoEngine
- Field experience with GPS collection and processing

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Completion of several ESRI Virtual Campus Courses
- WHMIS and OHS Certified
- Class 5 license holder, Class 5a trained
- International Drivers License and PADI Certified
- Participant of the 2008 Terry Fox Run
- An accustomed and passionate traveler
- Hard working, dependable and determined
- Keen to new ideas, adaptable, a life-long learner



MARIE DUCHARME

Interest in spatial analysis and cartography. passionate, self-motivated and meticulous

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2001 - B. Sc. Agricultural and Environmental Sciences
McGill University, Montreal, QC

SKILLS

- Skilled at learning new software and tools rapidly
- Great problem solving abilities
- Skilled at managing workloads and setting task priorities
- Meticulous and detail-oriented
- Able to use scripts to automate cartographic and geoprocessing tasks
- Talented at creating professional cartographic products
- Solid understanding of vector and raster geoprocessing
- Knowledge of spatial data management (SQL)
- Experience in public presentations/oral communication
- Ability at working within a multidisciplinary team

WORK EXPERIENCE

2003 - Research Technician
RS/GIS Laboratory, Utah State University, Logan, Utah
Spatial data collection relating to vegetation; satellite imagery interpretation; data management
2006 - Project Manager
Yukon French Association, Whitehorse, Yukon
Planned and organized public cultural and artistic public events (financial, logistical and promotional aspects); prepared financial reports and funding proposals
2008 - Biology Laboratory Instructor
Yukon College, Whitehorse, Yukon
Re-structured the curriculum; updated, archived and digitized all course materials (including laboratory manuals)

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Have travelled / lived / worked in many locations in North America
- Am perfectly bilingual (French and English) & rudimentary knowledge of Spanish



MARK GEDDES

Hard-working, adaptable GIS student with excellent interpersonal skills

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2007 - B. A. Geography, Music
Mount Allison University, Sackville, NB

2005 - Audio Engineering Diploma
Recording Arts Canada, Montreal, QC

SKILLS

- Proficient in: ArcGIS 9.x, MapInfo Professional 9.0
- SPSS 15.0, Oracle and SQLPlus
- Microsoft Office 2007 Suite, CorelDRAW
- Web-based mapping: ArcIMS/ArcGIS Server
- Strong programming skills: VBA, ArcObjects
- VB.NET, JavaScript, Python, HTML
- Network analysis: ArcGIS Network Analyst
- Experience with PCI, UNIX, MobileMapper Office
- Excellent logic, interpersonal and communication skills
- Desire for continuous learning

WORK EXPERIENCE

2008 - Substitute Teacher
District 2, New Brunswick
Taught a variety of courses at all grade levels.

2006 - Camp Counselor
Tyler Hill Camp, Camp Fircom, Camp Sheldrake
Worked at various children's camps, instructing canoeing and archery.

2002 - Bank Teller
Royal Bank of Canada, Sackville, NB Branch
Dealt with customers and their financial needs.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Bilingual – English/French
- COGS Test Drive Mentor
- Mount Allison Leadership Award
- ECMA-nominated musician



GABRIEL HUEBSCH

I would like to use GIS in an environmental career

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2007 - B. Sc. Geography
Trent University, Peterborough, ON

SKILLS

- GIS programs ArcGIS 9.3, MapInfo 9.0
- ArcGIS Network Analyst, Spatial Analyst extensions
- ArcGIS Server and ArcIMS (online map hosting)
- Programming/scripting: C#, VB, SQL/SQLPlus (in UNIX)
- and some Python, AML, JavaScript and HTML
- PCI Geomatica 10.1- Focus, OrthoEngine
- SPSS, Statistica and other spreadsheet/statistics programs
- Microsoft Office Suite
- Database design/management of large datasets
- Corel and Adobe graphics software

WORK EXPERIENCE

2008 - Tripping Director
Camp Kawartha Inc.
Organized and coordinated over 50 trips with limited budget and staff.

2007 - Outward Bound Instructor
Outward Bound Canada
Taught O.B. courses on canoe/hiking trips for grade 7-10 students.

2007 - Wilderness Leadership Program Director (and creator of)
Camp Kawartha Inc.
Designed and implemented program training and assessing future staff

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Ontario F-class driver's license (<25 passengers)
- Certified lifeguard, swim and canoe instructor
- WHMIS and OHS certification
- Wilderness First-Responder (80 hours)
- Very good organizational skills
- Extensive use of spreadsheets in past work
- Strong interest in database design/management
- Demonstrated ability to work hard
- Strive to learn as much as I can



CHRISTOPHER JORNA

Interested in applying geospatial analysis to a variety of fields

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

1997 - Master of Divinity
Knox College, University of Toronto, Toronto, ON

1993 - B.Sc. Physical Geography
York University, Toronto, ON

SKILLS

- Scripting VB.net, C#, Python, SQL & SQLPlus
- Creating, managing & using spatial databases
- Modelling wind dispersion, watersheds and habitat in Spatial Analyst
- Producing maps in ESRI ArcDesktop
- Managing, creating and converting geospatial data
- ArcDesktop, MapInfo, CorelDRAW, SPSS, MS Office Suite & PCI Geomatica
- Collecting geospatial data using GPS
- Excellent written and oral communication skills
- Adaptable and quick to learn
- Ability to train others

WORK EXPERIENCE

2008 - Pastor
Grace Church, Presbyterian
Preaching and teaching, leading and training volunteers, oversight of congregational life and mission.

2006 - Assistant Minister
St. Giles Kingsway Presbyterian Church
Adult education, youth ministry and community outreach.

2003 - Missionary / Pastor
The Guyana Presbyterian Church / The P.C. in Canada
Parish Ministry to multiple congregations, advising the National Youth movement, teaching theological students.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- 5 + years living in Guyana, South America
- NSERC summer student grants in 1991, 1992
- York University Renewable Scholarship 89, 90, 91, 92
- Graduated First Class with Distinction, York University
- Various academic awards at Knox College
- Chief Scout's Award



LINDSAY KING

Interested in using GIS in ecological applications

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2008 - B. Sc. Biological (Honours)
University of Guelph, Guelph, ON

SKILLS

- Proficient in ESRI ArcGIS (9.x)
- Experienced in the PCI Geomatica software package
- Skilled in CorelDRAW Graphic suite X4
- Knowledgeable in Visual Basic 2005 and Python
- Experienced in the use of MapInfo Professional
- Competent in ArcInfo workstation
- Skilled in the use of SPSS (Ver.15)
- Knowledgeable of Relational Database Management
- Skilled in molecular biology laboratory techniques
- Adept at handling small passerine birds

WORK EXPERIENCE

2008 - Research Assistant
AgResearch Limited, New Zealand
Worked as part of a forage biotechnology team. Demanded careful attention to detail.

2007 - Field Assistant
University of Guelph
Traveled North America collecting Tree Swallow blood and feathers. Required humour and perseverance.

2007 - Research Assistant
University of Guelph
Responsibilities included data management and project support. Demanded great organizational and communication skills.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Dean's Honours List at University of Guelph



KATHRYN LEBLANC

GIS Specialist/Analyst, with interests in environmental issues

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2008 - B. Sc. Geography
Saint Mary's University, Halifax, NS

SKILLS

- ArcGIS (including ArcObjects, ArcIMS and ArcGIS Server)
- File and Personal GeoDatabases
- PCI Geomatica
- MapInfo Professional
- UNIX and Windows Operating Systems
- Python and VBA/VB.net
- ORACLE RDBMS
- Adobe Illustrator and CorelDRAW
- Microsoft Office
- SPSS

WORK EXPERIENCE

2008 - Teaching Assistant
Saint Mary's University

Marked assignments and tests, supervised during exams and assisted students with lab work.

2008 - Customer Service Associate
Hudson Bay Company

Assisted in managing files, handled telephones, returns and assisted customers.

2004 - Revising Agent
Elections Canada

Provided information and assistance to callers

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Occupational Health and Safety, August 2008
- Workplace Hazardous Materials Information System, August 2008
- Integrating LiDAR and Flood-Modeling along Yarmouth coast (A.G.R.G.)
- Integrating rectification, mosaicking and digitizing aerial photographs (S.M.U.)



MICHAEL MACRAE

Many years of experience and education in all of my chosen fields

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2006 - Business Admin. – Investment Management Diploma
NSCC, Halifax, NS

1999 - Forest Technology
Maritime College of Forest Technology, Fredericton, NB

SKILLS

- Skilled in ArcGIS9.x, MapInfo Professional, PCI Geomatica
- Experience with MS Office 2007, CorelDRAW, Oracle, UNIX, SQL
- Familiar with Python and VB scripting
- Proven presentational skills
- Leadership and mentoring skills
- Strong team builder/player
- Conceptualizes processes and ideas very well
- Very adaptable to changing situations
- Excellent written and oral communication skills
- Proven hard worker and quick learner

WORK EXPERIENCE

2008 - Financial Advisor
CIBC

Assisting customers to make financial planning decisions for their family and futures.

2007 - Coordinator, Student Recruitment/Financial Advisor to Students
NSCC, CompuCollege, CDI College

Delivering presentations and developing relations for NSCC college education to students, teaching faculty and the general public.

2004 - Road Maintenance Supervisor/Scale Clerk/Assistant Forest Technician
JD Irving/Nova Scotia Department of Natural Resources

Various roles from data collection, forest fire suppression, forest roads maintenance supervisor to quality assurance.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Student Peer and Tutor, NSCC
- Canadian Securities Course
- Personal Financial Planning Course
- Conduct and practices Handbook Ethics Course
- Various Top Achiever awards for CIBC
- Class 5a license
- WHMIS and OHS certification



MARK MCGUIRE

Strong communication skills and work effectively in a team environment

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2005 - B. A. Political Science, History
Saint Francis Xavier University, Antigonish, NS

SKILLS

- Very strong logic, analytical and problem-solving skills
- Proficient in ArcGIS desktop 9.x
- In-depth knowledge of MapInfo Professional and Vertical Mapper
- Scripting skills in HTML, VB, JavaScript and Python
- Strong networking and relationship building competencies
- Map production using ArcMap, CorelDRAW X3 and MapInfo
- Excellent time management and organizational skills
- Familiar with the UNIX environment, Oracle & SQLPlus
- Familiarity with PCI Geomatica
- Experience with handheld GPS and data collection

WORK EXPERIENCE

2008 - Program Officer
Office of Energy Efficiency, Natural Resources Canada
Negotiated, coordinated and managed contracts, projects and partnerships with external clients.
2006 - Policy Support Officer
GeoConnections Secretariat, Natural Resources Canada
Researched and developed a working discussion paper in the field of public health geomatics.
2006 - Policy Support Officer
Office of Public Health Practice, Public Health Agency of Canada
Undertook a user-requirements study for the GIS Infrastructure team within the Public Health Agency of Canada.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Currently involved in project with AGRG and Annapolis Valley Health
- Completed a number of ESRI online training modules
- Wrote a working discussion paper on public health geomatics
- WHMIS and OHS certificates



CAMERON MCNEILL

Determined, hardworking and enthusiastic about a future in geomatics

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2008 - B. Sc. Geography
Saint Mary's University, Halifax, NS

SKILLS

- Proficient in ArcGIS Desktop 9.x
- Programming with VB.Net, VBA, C++ and Python
- Internet mapping (ArcIMS/ArcGIS Server, HTML and JavaScript)
- Remote Sensing (PCI Geomatica)
- ArcGIS customization with ArcObjects & ArcGIS Engine
- Familiar with UNIX, Oracle and SQLPlus
- Experience collecting and processing GPS data
- Statistics using SPSS and Excel
- Map production using ArcGIS, MapInfo & CorelDRAW
- Microsoft Office products (including VBA macros)

WORK EXPERIENCE

2008 - Customer Service Representative
Intergy Travel (Pacrim Realty)
Incoming bilingual call centre for hotel reservations across Canada.
2007 - Customer Service
The Home Depot
Worked four years in customer service in several departments.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- President of St. Mary's Engineering Society (2005)
- Vice President of St. Mary's Geography Society (2007)
- Bilingual (English and French)



ANDREA POWER

Research and analysis skills, troubleshooting, excellent writing skills, trustworthy, reliable

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2009 - B. A. Geography
Saint Mary's University, Halifax, NS

SKILLS

- Familiar with Microsoft Office suite
- Operating Systems: Microsoft, Macintosh, UNIX
- VB.NET, Python programming experience
- Software: ArcGIS/MapInfo/SPSS/PCI Geomatica
- ArcGIS: ArcMap, ArcCatalog, ArcScene and Business Analyst
- Oracle / SQLPlus / FTP knowledge
- Training in GPS usage and applications
- Able to understand client needs
- Easily build productive, enduring relationships
- Committed to ideals of excellence

WORK EXPERIENCE

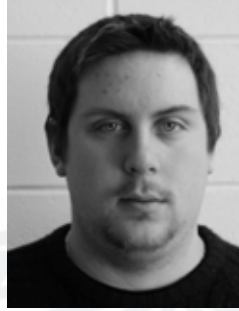
2009 - Student Project
Kings Transit
Look at GPS data collected on buses, to show patterns in bus movement.

2008 - Student Assistant
NSCC- Lawrencetown Campus Library
Help students with library related questions, set up displays, file books and journals.

2008 - Records Management Summer Student
Nova Scotia Pension Agency
Handle confidential information, transfer old files to a new filing system.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Able to handle confidential information
- Outstanding problem solving skills
- Productive in both team-based & self-managed projects
- Dedicated to maintaining up-to-date IT skills
- Articulate and professional communication skills
- Extensive experience in writing technical reports
- Relevant courses: Urban Transportation, Environmental Management, Cartography
- Ocean Use Management, Urban Development, Advanced GIS
- Information Systems, Network Analysis, Advanced Location Analysis
- Serving Maps on the Internet, Remote Sensing



SCOTT SAWLER

To work in a position of GIS Analyst/Digital Image Analyst

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2008 - B. Sc. Geography
Saint Mary's University, Halifax, NS

SKILLS

- Programming: Visual Basic 2005, ArcObjects, Python, EASI, SQL
- Databases: Oracle (SQLPlus, PL/SQL), Microsoft Access
- GIS Software: ArcGIS Desktop 9.1/9.2/9.3, ArcMap, ArcCatalog, ArcScene, ArcGlobe
- GIS Software: ArcIMS, ArcSDE, MapInfo Professional 8.X
- Image Processing Software: PCI Geomatica 10.X (Focus, OrthoEngine, EASI)
- Image Processing Software: ERDAS IMAGINE (Viewer, Map Composer, Virtual GIS)
- Map Graphics Software: Adobe Illustrator, CorelDRAW Graphic Suite
- Microsoft Office Suite, SPSS 15.X (statistical software)
- MobileMapper GPS software, Bentley MicroStation 8.X with Terrascan module (LiDAR)
- Operating Systems: Windows 95, 98, 2000, XP, Vista, UNIX

WORK EXPERIENCE

2008 - Teaching/lab Assistant
Saint Mary's University
My role was to mark course assignments and assist in lab exercises.

2007 - Conference Assistant
Saint Mary's University
My role was to assist in the organization of the conference and registration of delegates.

2008 - Project
Saint Mary's University/Parks Canada
Conducted to show the rate at which the grassy island drumlins off Canso were eroding (GIS).

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Various ESRI Virtual Campus course completion certificates.
- OHS and WHMIS Certificates



JEFF SLAUENWHITE

Works effectively under pressure

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2007 - B. Management
Dalhousie University, Halifax, NS

2002 - High School Diploma
Bridgetown Regional High School, Bridgetown, NS

SKILLS

- Proficient in ArcGIS 9.x, MapInfo Pro 8.x, PCI Geomatica 10.x
- Programming / scripting skills using VB.NET, Python, SQL, UNIX, HTML
- Familiarity in ArcGIS Desktop Extension – Business Analyst
- Familiarity with SPSS Statistical Software 15.x
- Proficient with Windows and Mac OS, MS Office 20xx, CorelDRAW X4
- Motivated quick learner – willing to work long hours
- Strong attention to detail
- Excellent verbal and written communication skills

WORK EXPERIENCE

2008 - Group Benefits Insurance – Plan Administrator
Manulife Financial

Updating and interpreting group benefits insurance eligibility data.

2007 - Support Services Staff
Dalplex – Dalhousie University

Managing many of the facilities daily operational activities.

2007 - Tree planter/Driver
Apex Reforestation

Planted seedlings in northern parts of British Columbia and Alberta.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- OHS and WHMIS
- First Aid Level 1 & Fire Suppression Endorsement



JUSTIN SNOW

Hard working, self driven individual and a fast learner

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2007 - B. Sc. Kinesiology
Dalhousie University, Halifax, NS

2002 - High School Diploma
Memorial High School, Sydney Mines, NS

SKILLS

- Extensive MapInfo experience utilizing SQL
- Developing and analyzing DEMs with Vertical Mapper
- Experience with serving maps on the internet (ArcIMS/ArcGIS Server)
- ArcGIS Desktop 9.3 expertise, utilizing many applications
- Familiar with UNIX environment, Oracle and SQLPlus
- Python and Visual Basic Scripting
- PCI Geomatica skills in manipulating imagery
- Experience with handheld GPS, collecting/using data
- Map production using ArcMap, MapInfo, CorelDRAW
- Good problem solver and leadership skills

WORK EXPERIENCE

2008 - Personal Trainer/Varsity Strength and Conditioning Coach
Dalhousie University

Exercise program design and implementation for the varsity athletes and general public. Data retrieval and entry utilizing Microsoft Office applications.

2008 - Associate Team Leader
Dalhousie University

Managed day-to-day operations and front desk staff. Balanced guest accounts. Held weekly meeting and monthly staff evaluations.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Certified Strength and Conditioning Coach 2008/2009
- Certified Personal Trainer 2008
- WHMIS/OHS 2008
- Completion of many ESRI online modules
- Super Host Certification
- Dean's List in final year of university
- Standard First Aid/CPR
- Class 5 Drivers License
- Cameron House President at Dalhousie University 2003
- Currently developing a Health Atlas for AVH (AGRG)



ELISE THÉRIAULT

I am interested in pursuing a career using GIS in the environmental and risk-management fields

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2008 - B. A. Geography (Honours)
Université de Moncton, Moncton, NB

SKILLS

- Excellent knowledge with ArcGIS 9.2 and 9.3
- Experienced in Grid modeling and using the spatial analyst extension of ArcGIS
- Has experience using PCI Geomatica and MobileMapper
- Knowledgeable in Visual Basic, Python, JavaScript and SQL scripting
- Competent in MapInfo Professional and SPSS
- Bilingual in French and English
- Has scientific research capabilities
- Excellent knowledge of Microsoft Office products
- Reliable, motivated and well organized

WORK EXPERIENCE

2008 - Security Guard (supervisor)
Walkers investigations
Was responsible for managing a team in a Hospital environment
2005 - Survey Assistant
The department of transportation of New Brunswick (district 03)
Worked on the Petitcodiac bridge project doing surveying

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Recipient of a second-place prize at the *Faculté des études supérieures et de la recherche* thesis competition
- Presented my research at the annual Geographic Association of Canada Conference
- WHMIS and OHS certification



RHONDA THYNNE

GIS and field work related jobs in ecological and environmental issues including habitat management, wildlife behaviour and land use

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2004 - Ecosystems Management Technician
Sir Sandford Fleming, Lindsay, ON

SKILLS

- Extensive hands-on experience using various GIS software
- Managing datasets, analyzing and presenting information
- Experience using ArcGIS Desktop (9.2 , 9.3), including extensions: Spatial and 3D Analyst, GRID
- Familiar with Python and VB.Net languages
- Familiar with Database Management using Oracle (UNIX, SQL, SQLPlus, vi)
- Experience using ERDAS Imagine and PCI Geomatica
- Made use of free resources via the internet
- Taken courses relating to forestry, fisheries and wildlife management

WORK EXPERIENCE

2009 - Independent Project
Canadian Museum of Nature
Extensive data entry tasks and essential responsibilities to complete the project including distribution maps and habitat suitability index
2009 - Food and Beverage Server
Wooden Door Bistro
Various duties
2009 - Food and Beverage Server
Shooters
Various duties



CHINWE ULASI

GIS/RS related agricultural research, natural-resource management and land-use planning.

EDUCATION

2009 - GIS Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2005 - B. Sc. Agronomy (Honours)
University of Ibadan, Nigeria

SKILLS

- Worked with ArcCatalog, ArcMap, Corel Photo-Paint, CorelDRAW, Exceed
- Fundamental programming in VBA and Python, Microsoft Visual Studio 2005
- Digital Image Processing Skills: image enhancements, geometric correction and orthorectification aerial photography and satellite imagery
- Microsoft Office Suite: Word, Excel and PowerPoint
- Introductory knowledge and experience in handheld GPS units
- Strong interpersonal relations and learning skills
- Small business management and marketing
- Management principles and techniques, communications skills for managers
- Financial management, business ethics and social responsibility
- Language spoken and written: English

WORK EXPERIENCE

2006 - Research Assistant
Bauchi State Agricultural Development Project (BSADP) (HQs.), Bauchi State, Nigeria

To find economical and modern way of detecting crop species with more nutrients to enlighten and assist local farmers.

2004 - Sales/Customer service advisor
International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria

Sales, customer service, cash handling and handling issues complaint.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Agric award for best plant produce student in Agronomy
- WHMIS and OHS certificates
- Proficiency Certificate in Management (PCM)
- International Computer Driving License (ICDL)

Program Overview GIS for Business

GIS for Business utilizes Geographic Information Systems (GIS) technology for solving business-related problems. This Advanced Diploma Program provides students with analytical and technological tools for proposing, planning and assessing business solutions that have a spatial component. This one-year program is unique in Canada and incorporates, along with GIS and numerous analytical tools, other technological tools such as data mining, computer programming (including GIS and Internet), business intelligence tools (including Location Based Services), Database Management Systems, Global Positioning System, etc. The first semester is integrated with GIS and Remote Sensing Advanced Diploma Programs.

A graduate completing the Geographic Information Systems for Business Advanced Diploma Program is able to perform the following tasks:

- Map customers using various geocoding techniques
- Define and analyze trade areas
- Perform site selection and sales forecasting using the Huff model
- Assess locations of stores relative to customers & competition; determine sales territories
- Determine market potential & its location using statistical analysis, data mining and GIS
- Identify customer/market types & location with statistical methods, data mining and GIS
- Use data mining for finding hidden structures & patterns in business & demographic data
- Conduct network analysis, including finding the shortest path and optimal tour
- Solve various location-allocation problems
- Solve real problems defined by project sponsors
- Use GIS and Internet programming
- Create maps on the Internet using GIS server technology

What our graduates say:

“The program gave me a competitive advantage, which set me apart from other job seekers possessing postgraduate education. Using the skills acquired from this program, I was able to provide my employer with a unique perspective into adding value to business data using advanced GIS technology. I would recommend the program to anyone wishing to become highly marketable in today's business environment.”

- Brian Baxter, Market Analyst, Canada Mortgage and Housing Corporation



Ela Dramowicz
Geographic Information Systems for Business Faculty
NSCC - Centre of Geographic Sciences (COGS)
Lawrencetown, Nova Scotia, Canada, BOS 1M0
Phone: 902-584-2079
E-mail: Ela.Dramowicz@nsc.ca

(4 of 6 GIS for Business students chose to be included in this publication)



FELIX BRUN

Excel when under pressure
and pay close attention to
details

EDUCATION

2009 - GIS for Business Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2007 - B. Environmental Studies (Honours)
University of Windsor, Windsor, ON

SKILLS

- Bilingual English/French
- Proficiency using ArcGIS, Business and Network Analyst
- Proficiency using MapInfo Professional
- SPSS, Answer Tree and Clementine statistical software
- Knowledgeable with Oracle RDBMS, SQLPlus, UNIX, PL/SQL
- Programming languages JavaScript and Visual Basic
- Image enhancement, classification, interpretation and orthorectification
- Time management skills
- Experience using Trimble survey grade GPS systems
- Microsoft Office Suite

WORK EXPERIENCE

2008 - Spa Technician
Okanagan Home Center
Serviced and maintained hot tubs throughout the Okanagan Valley.
2008 - Pool Technician
Splendor Pools
Serviced and maintained pools throughout Essex County, Ontario
2007 - Runner/Bartender
Koolini's Italian Eatery
Served drinks in an Italian restaurant.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Undergraduate thesis: "The effects of terrain and urban features on radio frequency transmission of environmental data."



HEATHER CRAIG

A very hard working
individual with good
communication skills

EDUCATION

2009 - GIS for Business Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2005 - B. Sc. Psychology
Dalhousie University, Halifax, NS
2000 - High School Diploma
Cole Harbour District High School, Dartmouth, NS

SKILLS

- Knowledge of ArcGIS, ArcIMS and Business Analyst
- Knowledge of MapInfo Professional
- Experience with AnswerTree and Network Analyst
- Familiar with JavaScript, HTML, Visual Basic
- Use of SQL and SQLPlus for Data Management
- Experience with PCI Geomatica and image enhancement
- Additional use of Mobile Mapper software and CoreIDRAW

WORK EXPERIENCE

2008 - Front Desk Supervisor
Dalhousie University
Managed student staff, accounts and schedules. Maintained student records and building maintenance forms
2005 - Associate Team Leader
Dalhousie University
Coordinated schedules and supervised daily operations, balanced guest accounts and dealt with customers
2000 - Sales associate
Zellers
Handled money and provided customer service

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Certificate in Supervision, Dalhousie University, 2008
- Completion of Organizational Workshop, Dalhousie University 2008
- WHMIS/OHS Certified, 2008
- Superhost Atlantic, TIANS certified 2006
- Workplace Etiquette, TIANS certified, 2005
- Graduation with Distinction, 2000



CHRIS OLIVE

Hardworking and adaptable
with excellent communication
skills

EDUCATION

2009 - GIS for Business Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2004 - B. B. A. Econ/HR Major
University of New Brunswick, Fredericton, NB

SKILLS

- Competency in ArcGIS Desktop 9.x including Business Analyst and Network Analyst
- Competent in ArcIMS and ArcGIS Server
- Competent in MapInfo Professional
- Data Mining experience using SPSS, AnswerTree and Clementine
- Familiar with Oracle RDBMS in SQLPlus environment, UNIX, SQL
- Programming/scripting skills using HTML, JavaScript and VBA
- Experience with PCI Geomatica

WORK EXPERIENCE

2008 - Personal Banking Representative 2
Presidents Choice Financial, CIBC
Promoted, sold and serviced personal banking products and services which included deposit, investments, loans and mortgages
2007 - Customer Care Sales Specialist
*Marriott Global Reservations – Ritz Carlton Division:
Various Positions*
Performed various jobs related to HR, technical support and customer service



DAVID CRAWFORD

Hardworking, self-motivated,
very adaptable, team player

EDUCATION

2009 - GIS for Business Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2007 - B. Environmental Studies (Honours)
University of Waterloo, Waterloo, ON

SKILLS

- Proficient with VB and JavaScript Programming
- Well versed with ESRI Arc products (ArcMap, ArcCatalog)
- Oracle (SQL and SQLPlus)
- Web based mapping (ArcIMS ArcGIS Server)
- Very familiar with ArcMap's Network Analyst Extension
- Data Mining (SPSS AnswerTree 3.1, Clementine)
- Have had experience with MapInfo Professional 9.0
- SPSS 15.0 for Windows
- VBA, ArcObjects
- Site analysis and selection

WORK EXPERIENCE

2008 - Sheet Metal Worker
Alturas Roofing and Sheet Metal Inc.
Installed and bent sheet metal for industrial and residential applications
2003 - Dietary Aide
Erin Mills Nursing Home
Served meals to residents, ensured dietary needs were met

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Very active in organized sports
- WHMIS certified
- OHS trained
- Valid Nova Scotia Class 5 drivers licence



MARY PATTISON

Passionate about
socio-economic applications
of GIS and geo-spatial analysis

EDUCATION

- 2009 - GIS for Business Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
- 2008 - B. A. Geography, International Development Studies,
Environment (with Distinction)
McGill University, Montreal, QC

SKILLS

- Creative problem-solver, determined, multi-tasker
- Friendly, team-worker, helper, coordinator
- International, multi-lingual, experienced traveler
- Facility with software and GIS
- Enjoy thought process of GIS analysis
- Comfortable with ArcGIS, MapInfo
- Competent in various software required to complete dynamic GIS project

WORK EXPERIENCE

- 2009 - Library Student Assistant
Lawrencetown Library, NSCC
Responsible for facilities and customer service after hours,
assist in maintaining organization of library collection
- 2008 - Research Assistant
GEOIDE Grant proposal
Coordinated team of researchers and documentation for a
successful proposal on GeoWeb for Public Participation
- 2005 - Admin Assistant to Dir. Acquisition & Development
First Capital Realty
Assisted with legal and logistical aspects of evaluating and
purchasing commercial real-estate

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Organized group of 27 COGS students to attend Geomatics Atlantic 2008
- Class Representative on Student Association
- Co-editor on this Graduate Profile booklet
- Student Representative on Geography Undergrad Student Society at McGill
- Organised GIS Day 2007 at McGill (incl. 17 speakers on Geomatics, 10 exhibitors)
- Co-founder of GIS Club at McGill University
- Studied GIS at graduate-level (research paper: Spatial Data Access & Sharing)
- Independent study conducted on data collection for watershed analysis
- Completed 4-yr undergrad degree in 2.5 yrs, graduated with Distinction and 3 programs

Program Overview Geographic Information Systems Technician

GIS (Geographic Information Systems) is one of the fastest growing technology sectors in the world. With GIS, technicians can link and analyze spatial data sets to model the real world in support of the decision-making process. This program prepares the student for this important career by giving them fundamental GIS skills. This year marks the end of the GIS Technology Diploma as COGS transitions to an inter-disciplinary two-year Geographic Sciences Diploma with Concentrations in Cartography, Community and Environmental Planning, Geographic Information Systems and Remote Sensing Technology.

NSCC's Centre of Geographic Sciences (COGS) is the only school in this region to offer this unique entry-level Geomatics program. Students benefit from our focused approach to GIS training and the real-world experience of our faculty. Hands-on training makes NSCC students the preferred choice of employers.

Our graduates are assessing the impact of land uses on surface and subsurface water resources. They are helping to plan communities that are both socially and environmentally sensitive. And, they are doing suitability studies on potential development sites.

Graduates of this program are prepared to accept positions as GIS Technicians, Mapping Technicians, Civic Addressing Technicians, or Graphic Technicians. Many job opportunities are available with municipal and provincial government departments dealing with parks, economic development commissions and development control agencies. Opportunities in the private sector are with planning consultants, engineering/survey firms or in general, any firm involved in mapping.



Mark Hebert
GIS Technician Faculty
NSCC - Centre of Geographic Sciences (COGS)
Lawrencetown, Nova Scotia, Canada, BOS 1M0
Phone: 902-584-2069
E-mail: Mark.Hebert@nsc.ca

(3 of 13 *GIS Technician* students chose to be included in this publication.)



PETER JENKINS

Knowledgeable in forestry and environmental fields, as well as GIS

EDUCATION

2009 - GIS Technician Diploma
Centre of Geographic Sciences – NSCC, Lawrencetown, NS

SKILLS

- Proficient in using ArcGIS 9.x
- AutoCAD (Autodesk Map 3D)
- Adobe Illustrator (Map publisher)
- CorelDRAW X4
- Basic knowledge of map algebra/grid modelling
- GPS

WORK EXPERIENCE

2008 - Forestry Internship
Nova Scotia Department of Natural Resources
Worked alongside with forest technicians, also worked on fire crew

2008 - Herbicide Applicator/Quality Control
Asplundh Tree Service
Operation applying herbicide to unwanted growth along transmission lines

AWARDS, ACHIEVEMENTS & OTHER NOTES

- 6 Years of French immersion
- Completed first year (of two) of the Natural Resources Environmental Technology Diploma Program at NSCC, Strait Area Campus, Port Hawkesbury, NS



CHAD MAHONEY

I am interested in Planning and also the environmental side of the GIS world

EDUCATION

2009 - GIS Technician Diploma
Centre of Geographic Sciences – NSCC, Lawrencetown, NS

2005 - High School
North Nova Education Centre, New Glasgow, NS

SKILLS

- Experience with ArcGIS software package
- Microsoft Word, Excel, PowerPoint and Access 2007
- CorelDRAW X4 and Corel Photo-Paint x4
- Adobe Illustrator
- AutoCAD Map 3D
- Hand Held GPS Units
- MobileMapper Office and IMG2GPS
- I am a fast learner
- Work with little supervision
- Friendly and outgoing

WORK EXPERIENCE

2007 - Laborer
Dora Construction
General construction laboring

2007 - Laborer, Office Assistant and Heavy Equipment Operator
C.F. Construction LTD.
General construction laboring and coordinating up to 30 dump truck a day. Also operated heavy equipment on a regular basis

2004-2006 - Costumer Service Assistant
Lawton's Drugs
Costumer serve assistant, worked cash register, stocked shelves and cleaned store front as well as storage areas



MICHAEL POTTER

Quick learner who will work hard at any position

EDUCATION

2009 - GIS Technician Diploma
Centre of Geographic Sciences – NSCC, Lawrencetown, NS

2007 - Information Technology – Networking and Systems Management Diploma
Institute of Technology - NSCC, Halifax, NS

SKILLS

- Experience using: Computers, routers, switches, GPS, plotters
- Experience using: ArcGIS 9.X, ArcInfo, AutoCAD, Adobe Illustrator
- Experience using: Microsoft Office, Windows/Linux OS, Windows/Novell Server
- Experience analyzing data and creating maps
- Experience collecting data using GPS equipment
- Experience managing geodatabases
- Basic knowledge of grid modeling and map algebra
- Experience creating and modifying web pages and databases
- Ability to work well by myself or within a team
- Reliable, dependable, honest and bondable

WORK EXPERIENCE

2007-2008 - Customer Engineer
NCR Canada Ltd.
Troubleshooting errors and equipment failures. Installing and repairing hardware components

2007 - Five week work term
RCMP – Computer Services
Managing network user accounts. Installing and upgrading hardware components. Configuring and imaging workstations

2006 - Field Assessor
Nova Scotia Provincial Government – Assessment Services
Investigate and question owners for required information.
Creation and modification of property reports

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Security Screening Clearance from the RCMP
- WHMIS/OHS from NSCC
- A+ Certified
- Highest Achievement Award – NSCC IT
- Governor Thomas Carleton Scholarship (average of 85 to 90%)
- Honors with Distinction Graduate
- Member of Student Council and Sports Committee
- Captain and Assistant Captain of various sports teams

Program Overview Marine Geomatics

The objective of Marine Geomatics Advanced Diploma Program is to develop a professional who has a thorough grounding in the area of Geomatics *and* can use these skills most effectively in the management, exploration and monitoring of the marine and coastal environments.

The Program allows graduates to apply their skills in the marine environment where there is a high demand for persons with Geomatics-related expertise. This is an arena which has one of the largest growth potentials of any economic sector in the Canadian and global economies.

Graduates are able to apply the integrated geodetic skills of GPS positioning and hydrographic surveying to marine-based activities such as bathymetric data acquisition and analysis, energy exploration activities, and projects dealing with the coastal zone and offshore areas. Graduates use their understanding of the geodetic tools and concepts to efficiently and effectively acquire, process, analyze and disseminate marine related data. Skills and expertise acquired through this program are invaluable to coastal mapping and nautical charting agencies, hydrographic surveying organizations, offshore construction and resource exploration/management companies, habitat mapping organizations and firms involved in coastal zone management, environmental, geological and geophysical sciences.

Links between marine sciences and hydrographic surveying are examined in this one-year intensive program. Topics explored include geographic information systems, physical oceanography, remote sensing, cartography and GPS applications, as they apply to offshore positioning projects and bathymetric data collection and analysis.

The Marine Geomatics Program provides students with the introductory skills required to get a satisfying, well-paying job in the Geomatics Industry. The Program is committed to providing the technical and interpersonal skills necessary to succeed in an offshore-related environment. The Marine Geomatics Program is a well-rounded learning environment that includes individual and group projects such as the Marine Geomatics Field Camp.

Please feel free to contact us at any time.



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(7 of 20 Marine Geomatics students chose to be included in this publication.)



GREGORY BRAUN

Seeking employment in the offshore industry

EDUCATION

- 2009 - Marine Geomatics Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
- 2008 - Survey Technician
Centre of Geographic Sciences – NSCC, Lawrencetown, NS
- 2006 - B. Eng. Environmental Engineering
Dalhousie University, Halifax, NS

SKILLS

- SBES with WinFrog and Basic Ribbit
- RTK with Leica 1200 system
- DGPS with Trimble ProXR
- Static with Leica 500 and TopCon system
- CARIS HIPS and SIPS 6.1
- Operate CTD, perform barcheck, interpret nautical charts
- Microsoft Package, VBA, UNIX, SQL
- AutoCAD 2007, AutoCAD Civil 3D, CG survey
- ArcGIS software package
- Surfer 8, Waypoint 8.1 GPS, Leica GeoOffice

WORK EXPERIENCE

2008 - Bartender
Pogue Fado, Peddler's Pub, Alexander's Pub, Lower Deck
Served alcohol in busy downtown bars

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Rugby Nova Scotia 2002-2008
- Mark, Jeffrey and Susan Reeves Advanced Diploma Award 2009
- OHS/WHMIS
- First Aid/CPR



DAWN BUGDEN

Persistent, atypical, quasi-nerd intrigued by isms

EDUCATION

- 2009 - Marine Geomatics Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
- 2005 - Internet Technology Solutions Development
NBCC - Moncton, Moncton, NB
- 2000 - B. Sc. Physics, Math
Acadia University, Wolfville, NS

SKILLS

- Savvy with IHO and CHS standards & symbolization
- Proficient knowledge of vertical & horizontal datums, transformations & grid shifts
- Knowledge of RTK, PPK, Static and DGPS
- Competent with conventional survey methods & techniques
- Familiar with bar checks, single beam echo sounders, CTDs and tide gauges
- Knowledge of navigation software (WinFrog)
- Competent with database technologies and development (Access, MySQL)
- Skilled with internet programming technologies (Adobe Photoshop, Dreamweaver)
- Familiar with CARIS, AutoCAD Civil 3D, ArcGIS & Surfer 8
- Experienced with both Windows and UNIX operating systems

WORK EXPERIENCE

2007 - Web Developer & Software Designer
Lucas Technology & Analytics
Met with clients; Designed & developed web sites, web applications & database applications

2005 - .Net Application Developer
TrentonWorks
Developed database-driven applications & Crystal Reports

2003 - Analyst
Communications Security Establishment
Coded internal analysis strategies & analyzed program snippets

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Great time management skills
- Personable, capable and adaptable
- Level headed under pressure
- Solid sense of humour
- Familiar with oral and written French
- Summer Scholarship to French camp in 1996
- Entrance Scholarship to Acadia



JEN CARLSEN

Creative go-getter who is excited to explore the world

EDUCATION

2009 - Marine Geomatics Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2008 - Geological Technician
Sir Sandford Fleming College, Lindsay, ON

SKILLS

- Advanced knowledge of AutoCAD 2007
- Working knowledge of navigation software WinFrog 3.3
- Comfortable with ArcGIS and Microsoft Office Applications
- Able to process multibeam data in CARIS
- Able to level a tripod efficiently
- Comfortable with total stations
- Used Leica GPS systems for RTK surveys
- Collected bathymetric data with a VBES
- Participated in magnetic and gamma surveys
- Worked alongside drills, logged samples from boreholes

WORK EXPERIENCE

2008 - Construction Field Testing Technician
Naylor Engineering Associates
Performed soil testing for civil engineering purposes during the summer of 2008
2008 - Commercial Cleaner/Window Cleaner
CleanPro Company of Canada
Provided part-time janitorial and commercial cleaning services throughout the school year

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Valid Ontario Driving License, Class G
- Able to work outside of Canada
- WHMIS and OHS 2008, NSCC
- Maintained an A average throughout school
- Captain of various sport teams in the past



KIMBERLEY CHILDS

Dependable, energetic, motivated, versatile, career orientated and eager to learn

EDUCATION

2009 - Marine Geomatics Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2003 - B. A. Geography
University of Ottawa, Ottawa, ON

SKILLS

- Competent configuring, collecting, processing data using 320B/Pecosounder
- Knowledgeable using a CTD, installation of tide-gauge
- Experience using differential, RTK and static GPS
- Proficiency using ArcGIS 9.2, ArcScene, AutoCAD
- WinFrog, Ribbit Processing, CARIS HIPS and SIPS
- Trimble Pathfinder Office, Leica Geo Office, GravNET
- BlueMarble, NB Geo Calc, Surfer 8, UNIX
- Experience operating a TOPCON total station
- Experience with differential leveling and traverse adjustments
- Basic conversational Spanish

WORK EXPERIENCE

2008 - Frontline Staff
Mountain Equipment Co-op
Responsible for merchandising products, assisting customers and day-to-day store-related tasks
2006 - Lifeguard
Nova Scotia Lifeguard Service
Lifeguarded and instructed swimming lessons
2003 - Ocean Rescue
Nags Head Ocean Rescue
Responsible for the well being of beach patrons and 911 calls

AWARDS, ACHIEVEMENTS & OTHER NOTES

- University of Ottawa Dean's Honour List in 2003
- Represented Canada in 2006/2008 World Surfing Games
- Standard First Aid
- Oxygen Administrator
- Automated External Defibrillation
- WHMIS and OHS
- National Lifeguard Service: Pool, Waterfront and Surf
- CPR level C
- Traveled extensively; Spain, Central America and Mexico



MILA COX

EDUCATION

2009 - Marine Geomatics Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2008 - B. Sc. Biology
Dalhousie University, Halifax, NS

SKILLS

- Conventional Survey: Geodetic levels, Topcon Total Station
- GPS: Trimble ProXR, Leica 500/1200 Series, Topcon HiPerLite
- Hydrographic: Knudsen 320M echosounder, WinFrog
- Oceanographic: RBR Tide gauge & CTD, Ekman sampler
- Software: AutoCAD, MS Office, UNIX & ArcGIS
- Experience with CARIS, GrafNet, Ribbit, Surfer8 & Blue Marble
- Introductory experience with CNav2050 GPS receiver
- Knowledge of IHO, CHS & USACE Hydrographic Standards
- Experience with differential, static and RTK surveys
- TDS datalogger, Leica GeoOffice & Trimble Pathfinder

WORK EXPERIENCE

2009 - Customer Service/Cash Office/Cashier/Supervisor
Atlantic Wholesalers
Supervised front end staff, nightly cash office tasks, handled customer issues, checked orders

2006 - Customer Service/Sales
Minacs Worldwide
Sold computers for HP Home & Home Office website

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Workplace Hazardous Material Information System 2008
- Occupational Health and Safety 2008
- Valid Class 5 Nova Scotia Driver's License



KATIE FREEMAN

EDUCATION

2009 - Marine Geomatics Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2008 - B. Sc. Biology
Saint Mary's University, Halifax, NS

SKILLS

- Very good understanding of AutoCAD Civil 3D
- Experience collecting & presenting GPS & sounding data
- Experience using CARIS HIPS & SIPS for data processing
- Good understanding of Ribbit processing software
- Very good understanding of WinFrog navigational software
- Intermediate knowledge of ArcGIS
- Proficient knowledge of the Trimble ProXR
- Experience using TopCon total stations
- Introductory UNIX platform operational skills
- Experience collecting RTK, differential & static GPS positions

WORK EXPERIENCE

2008 - Species at Risk Stewardship Assistant
Kejimikujik National Park
Worked with and educated the public about at risk species in Southern Nova Scotia

2007 - Resource Conservation Assistant
Kejimikujik National Park
Research assistant for a forest rehabilitation masters project

2006 - Student Employee
Michelin Tire
Summer student, replacing regular workers while they were on vacation or leave

AWARDS, ACHIEVEMENTS & OTHER NOTES

- WHMIS
- First Aid
- Valid Class5 drivers license
- Valid Canadian passport



SHAUNA NEARY

Marine survey, construction,
exploration and coastal-zone
management

EDUCATION

- 2009 - Marine Geomatics Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
- 2008 - B. A. Geography
Mount Allison University, Sackville, NB
- 2004 - High School Diploma
Hebron Academy, Hebron, ME, USA

SKILLS

- Hydrographic- Knudson BP 320 single beam echo sounder, RBR XT 420 Tide Gauge, RBR XR 620 CTD, CNAV for navigation, side scan sonar
- Software- WinFrog V.3.8, Ribbit 2.6, AutoCAD Civil 3D, ArcGIS 9.2, UNIX, CARIS, Surfer 8, GrafNet, GravNav, Trimble Pathfinder, Leica GeoOffice
- Survey- Trimble Pro XR DGPS, Leica 500, Leica 1200 RTK, Topcon Data Logger, Static Control, C-NAV for vessel navigation, Differential Leveling, Total Station

WORK EXPERIENCE

- 2008 - Environmental Student
Department of Fisheries & Oceans
Performed desk top contaminated site reviews, environmental audit activities and hazardous material inventories
- 2007 - Fisheries Observer
JaviTech Limited
Worked at sea aboard various commercial fishing monitoring fishing activities
- 2008 - Desk Coordinator
Mount Allison University
Open and closed Athletic Center while balancing cash and making deposits

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Varsity Women`s Ice Hockey Captain, Rookie of the Year
- James Bayer Award Nominee
- Gigi Hicks Award
- Chris Young Memorial Scholarship
- Alumni Athletic Achievement Award
- Leadership Mount Allison
- Bruce I. MacDonald Award
- New England All-Star Team: Hockey, Soccer & Lacrosse
- Valid Nova Scotia Drivers License (Class 5)
- WHMIS & OHS Certificates

Program Overview Planning: Land Information Technology

As Canada's population continues to shift from rural to urban areas, Planners are increasingly in demand to deal with environmental-economic issues. These include decisions on how or if land should be converted from natural habitat to residential areas; how to develop a transportation infrastructure to serve these areas; and how to maintain natural habitats and resources. Planning Technologists assist in making these decisions while ensuring their development and implementation does not harm the environment. Our graduates are assessing the impact of land uses on surface and subsurface water resources. They are helping to plan communities that are both socially and environmentally sustainable. And, they are doing suitability studies on potential development sites. Our program is focused on helping students learn how to use GIS to manage, model and analyze spatial and attribute data. Our small class size guarantees the students receive plenty of one-on-one contact.

Graduates of this program are offered positions as Planning Technicians, GIS Technicians, Mapping Technicians, Development Technicians or Officers or Junior/Assistant Planners. Many job opportunities are available with municipal and provincial government departments dealing with parks, economic development commissions and development control agencies. Opportunities in the private sector are with planning consultants and engineering/survey firms.



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(3 of 3 *Planning: Land Information Technology* students chose to be included in this publication.)



TRACY BRUCE

I am interested in environmentally friendly housing, solar and wind energy

EDUCATION

- 2009 - Planning: Land Information Technology Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
- 2008 - GIS Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
- 1990 - Architectural Drafting Diploma
NSCC, Middleton, NS

SKILLS

- ArcGIS 9.2 & 9.3
- CorelDRAW Graphics Suite
- Adobe Illustrator
- AutoCAD
- Microsoft Word, Excel & PowerPoint
- GPS Trimble
- Manual Architectural Drafting
- Photography
- Property Mapping
- Some skills in Visual Basic and Python

WORK EXPERIENCE

- 2008 - Packing Machine Operator
Scotian Gold
- Apple Production
- 2005 - Narrows Finish Packer
Britex Group Ltd
- Packing Machine Operator
- 1995 - Warehouse Clerk
Canadian Tire
- Worked in warehouse

AWARDS, ACHIEVEMENTS & OTHER NOTES

- 4-H Light Horse Trophies and Ribbons



MANDY BURGESS

GIS applications in environmental science, ecology and sustainable urban planning

EDUCATION

- 2009 - Planning: Land Information Technology Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
- 2008 - B. A. Geography
Mount Allison University, Sackville, NB

SKILLS

- Practical and theoretical knowledge of urban planning and community design
- Engineering and Environmental Planning Practices
- Land Use Administration
- Proficient in ESRI ArcGIS Series
- Competent in Microsoft Office Suite
- Experience with Python, Visual Basic, AML and SQL
- Familiar with CorelDRAW Graphics Suite
- Bilingual: English and French
- Dedicated, hard working, responsible
- Strong organization and time management skills

WORK EXPERIENCE

- 2008 - Summer Student
NAV Canada
- Performed daily site inspections of all facilities, completed work orders, tendered contracts and created site manuals
- 2006 - Laborer
Sylva Tech
- Planted trees in a team and individual atmosphere
- 2008 - Desk Coordinator
Mount Allison University
- Open and closed Athletic Centre, while balancing cash and making deposits, trained individuals on equipment

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Leadership Mount Allison
- Alumni Athletic Achievement Award
- Varsity Women's Ice Hockey Most Valuable Player 2007-2008
- Varsity Women's Soccer Rookie of the Year 2004-2005
- OHS and WHMIS Certified



STEPHANIE NORMAN

All aspects in the field of
urban planning and
community design

EDUCATION

2009 - Planning: Land Information Technology Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2008 - B. A. Geography
St. Mary's University, Halifax, NS

SKILLS

- Team work
- Land and Property related statutes, regulations and policies
- Geographic Information Systems (ArcGIS)
- Engineering and Environmental practices
- Excellent oral and communication skills
- Organized
- Map and poster building
- Microsoft Office Suite 2007
- Time management
- Extensive work collecting and analyzing data and information

WORK EXPERIENCE

2007- 2008 - Wing's Team Member
Red Bull Canada

Worked in a team while productively completing tasks and promoting a product to business and private sectors

2005- 2008 - Waitress
Casino, Nova Scotia

Served multiple customers in a high-pace environment and problem solved constantly to maintain customer satisfaction

2001-2003 - Snowboard Instructor
Ski Martock

Used good judgment and initiative to teach snowboarding to all ages and skill levels

AWARDS, ACHIEVEMENTS & OTHER NOTES

- WHMIS and OHS Certified, 2008
- Valid Nova Scotian Class 5 Driver's License

Program Overview Remote Sensing

Remote Sensing is a rapidly expanding discipline with wide applications in forestry, geology, defence / intelligence, disaster management, conservation, oceanography, meteorology, urban analysis and agriculture. Satellite images, sea floor mapping, laser mapping and airborne photography are some of the technologies involved with Remote Sensing.

Students learn the theoretical basis for remote sensing, image interpretation, digital image processing, and the design and capabilities of remote sensing systems of the past and present. They are encouraged to approach remote sensing challenges using a logical and real-world approach.

Applications of digital data derived from remote sensing systems in various disciplines are discussed and investigated utilizing digital image processing techniques such as orthorectification, mosaicking, colour space transformations, digital elevation modeling, three-dimensional visualizations, and advanced enhancement techniques.

One of the exciting aspects of this program is the opportunity to apply image interpretation and analysis skills in the field of Geographic Information Systems (GIS). Our program is closely connected to the Geographic Information Systems Advanced Diploma program in that we share a common first semester and many second semester elective courses. Many of our GIS and Remote Sensing students leave COGS with extensive knowledge and training in both fields.

This year our students come from a wide variety of backgrounds, including physics, Earth sciences, software engineering and geography. With such diversity, the graduates this year are sure to succeed in their endeavours.



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(7 of 8 *Remote Sensing* students chose to be included in this publication.)



ANNETTE BUGDEN

Experienced in large-scale team-driven projects with tight deadlines

EDUCATION

2009 - Remote Sensing Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2006 - B. Computer Science
Dalhousie University, Halifax, NS

2001 – High School Diploma
Trenton High School, Trenton, NS

SKILLS

- Computer-Related Skills:
- Familiar with Java, C, C++, SQL and Perl
- Microsoft Visual Studio, Perforce, Finite State Machines
- Remote Sensing-Related Skills:
- Geo-Reference and Orthorectification, Image Classification
- PCI Geomatica, ERDAS Imagine and Arc Desktop
- Familiar with Remote Sensing Systems: LANDSAT7, RADARSAT2
- Developing Advanced Digital Image Processing Techniques
- Developing Grid Analysis Techniques: eg Cost Analysis
- Developing LiDAR Data Processing Techniques

WORK EXPERIENCE

2008 - Junior Engineer
Backbone Entertainment Vancouver

Junior Engineer - Wrote script-code for Wii/DS/PS2

2006 - Customer Service Representative
ICT Canada

Inbound call centre representative, troubleshooting and diffusing customers' concerns

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Academic Awards:
- Lockward Memorial Scholarship (Dalhousie University)
- Highest Aggregate, First Class Honours
- Queen Elizabeth II Medal
- Governor General's Academic Medal
- Work Related Achievements:
- 3 Video Game Titles
- 100% Customer Satisfaction and Quality



NATHAN CROWELL

Dedicated worker. Interested in intelligence and disaster management applications for RS/GIS

EDUCATION

2009 - Remote Sensing Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2008 - B. Sc. Biology, Psychology
Acadia University, Wolfville, NS

2004 - University Transfer (Psychology)
Dalhousie University, Halifax, NS

SKILLS

- Proficient in the use of leading software suites:
- ArcGIS Desktop, PCI Geomatica, MapInfo Professional, ERDAS Imagine
- Experience with Hyperspectral, Multispectral, RADAR, LiDAR and Multibeam imagery
- Digital Image Processing (scripting) skills include:
- Ortho/georectification, feature classification, image mosaic, color balancing
- Programming and scripting abilities using:
- EASI, Visualbasic and Java Script
- GIS specific skills include:
- GRID analysis, GeoStatistical Analysis, Geodatabase design
- Geometric network creation, Cartographic Regulation, Charting

WORK EXPERIENCE

2008 - Museum Director
Avon River Heritage Society

Managed the Museum operation and human resource capital

2007 - GIS Data Editor
Contract – Department of Forestry and Oceans

Identified and corrected erroneous vector data within the ArcMap interface

2006 - Carpenter \ Formworker
Self-employed

Performed residential and commercial upgrades

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Student Mentor for the Geomatics "Test Drive" program.
- Certificates for several ESRI online training modules:
- Understanding Map Projections and Coordinate Systems
- Geoprocessing within ArcGIS Desktop
- Understanding GIS Queries
- Basics of the Geodatabase Data Model
- Creating, Editing and Managing Geodatabases
- WHMIS and OH&S Certification
- Emergency First Aid Training
- University Entrance Scholarship



IAN HEALY

Creative, hard working,
inquisitive and want to learn
new things

EDUCATION

2009 - Remote Sensing Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
1997 - M. B. A. Finance
University of Maine, Orono, Maine, USA
1993 - B. S. International Affairs / Economics
University of Maine, Orono, Maine, USA

SKILLS

- Oracle database architecture and data warehousing
- SAS Programming
- Decision Support Software development
- Database development for financial institutions
- Experience with ERDAS, PCI Geomatica and OrthoEngine
- LiDAR
- Terrestrial Photogrammetry
- ArcGIS (ArcScene, ArcMap, ArcCatalog, Spatial Analyst)
- Grid Modeling
- MapInfo

WORK EXPERIENCE

2008 - Technical Lead and Oracle Application DBA
*Transportation and Infrastructure Renewal – Province of
Nova Scotia*
Developed and implemented business intelligence software
(Cognos) with Oracle database back-end
2005 - Oracle and MicroStrategy Developer
Keane Canada
Contract with General Motors working on a large data
warehouse with MicroStrategy
2003 - SAS / Oracle Developer – Financial Systems
United States Department of the Treasury
Worked on projects to design and implement financial
systems using Oracle, SAS and data mining software

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Dual Citizenship – Canada and USA
- Volunteer English teacher - Halifax Regional Libraries
(2003 – 2008)
- English teacher – St. Petersburg, Russia (1997)
- Cognos and SAP training 2006
- Phi Beta Kappa award 1993
- Intermediate level – Russian language



ANDREA KMETTY

Interested in geo-spatial and
remote sensing applications in
a wide variety of disciplines

EDUCATION

2009 - Remote Sensing Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2006 - Geographic Analysis
Ryerson University, Toronto, ON
1999 - Automated Office Management
Herzing Institute, Ottawa, ON

SKILLS

- GIS Spatial Analysis, ArcGIS
- Serving Maps on the Internet, ESRI's ArcIMS
- Remote Sensing
- Advanced Digital Image Processing, PCI Geomatica,
- Scripting, PCI EASI
- LiDAR Operations and Applications
- Softcopy Photogrammetry
- ERDAS Imagine
- Business GIS, demographic analysis
- VB.net programming

WORK EXPERIENCE

2009 - Geomatics Analyst
*Ministry of Municipal Affairs and Housing, Toronto,
Ontario*
Coordinated several mapping projects and provided
analytical support through GIS/mapping projects for
government clientele
2007 - Cartographer, Research Assistant
Citizenship and Immigration Canada & Ryerson University
Demographic data research and processing, analytical
support and mapping for the project called "Electing the
Diverse Canada"
2005 - Independent GIS Consultant, Toronto, Ontario
ING Insurance
Prepared maps that identified high-risk sewer backup areas
for the director of actuarial services in strategic planning



JEFFREY OSBORNE

Interested in applying programming knowledge to aid in RS/GIS workflows

EDUCATION

2009 - Remote Sensing Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2006 - B. Sc. Biology
Dalhousie University, Halifax, NS

SKILLS

- Programming languages - VB, VBA, C#, ArcObjects, EASI scripting
- PCI Geomatica 10.1 - Focus, OrthoEngine, EASI
- ArcGIS 9.x - ArcMap and ArcCatalog
- MapInfo Professional 9.0
- SPSS 15.0 for Windows
- Internet Mapping with ArcGIS Server and ArcIMS
- Working with LiDAR data in Terrascan
- Digital Elevation Model Production
- CorelDRAW X4
- Microsoft Office Suite 2007

WORK EXPERIENCE

2008 - Sales Associate
Zellers
Providing customer service, organizing merchandise, maintaining department and preparing sales

AWARDS, ACHIEVEMENTS & OTHER NOTES

- University Entrance Scholarship
- French Immersion Certificate



ALICIA WHITE

Interested in Remote Sensing applications for natural-disaster management

EDUCATION

2009 - Remote Sensing Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2008 - B. Sc. Geography
Memorial University of Newfoundland & Labrador, St. John's, NL

SKILLS

- PCI Geomatica v.10: Focus, OrthoEngine, EASI
- ERDAS Imagine
- ArcGIS 9.3: ArcCatalog, ArcMap
- MapInfo Professional 8.5
- SPSS 15.0
- Visual Basic.net
- CorelDRAW
- Microsoft Office 2007
- Digital Image Processing Techniques: georeferencing, orthorectification, mosaics
- Cartographic skills: creation of maps

WORK EXPERIENCE

2008 - Student Travel Councilor
Newfoundland and Labrador Tourism, Government of Newfoundland and Labrador
Providing travel information, making reservations, distributing maps and booklets, providing directions

2006 - Preparation Cook
Jungle Jim's Restaurant
Preparing and portioning food, cleaning duties, cooking duties

2005 - Sales Associate
Valley Crafts & Roy Whalen Heritage Museum
Completing sales on cash register, providing tourist information, providing tours of museum

AWARDS, ACHIEVEMENTS & OTHER NOTES

- OH&S, 2008
- WHMIS, 2008



FRANCES WIIG

EDUCATION

2009 - Remote Sensing Advanced Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

Ongoing - M. A. Archaeology and Heritage
University of Leicester, Leicester, UK

2005 - B. A. Classical and Near Eastern Archaeology (Honours)
University of Saskatchewan, Saskatoon, SK

SKILLS

- Vector- and raster-based analysis and mapping
- Production of high-quality digital cartographic products
- Strong problem-solving abilities
- Ability to learn new software
- Exceptionally self motivated
- Excellent oral- and written-communication skills
- Can work independently or with a team
- GIS: ESRI ArcGIS 9.x
- Remote Sensing: PCI Geomatica, ERDAS
- Programming: Visual Basic, Python

WORK EXPERIENCE

2008 - First Mate
M/Y Useless

Maintenance and navigation of a 100' motoryacht

2006 - Archaeologist
Heritage Consulting, Cooper Basin, SW Queensland, Australia

Contract archaeologist for oil and gas company in the Outback

2006 - Archaeologist
ArchaeoAnalysis, Moruya, NSW, Australia

Contract archaeologist for large construction project

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Convocation award for highest grades
- Archaeology excavations in Jordan and Oman

Program Overview Survey Technician

The Survey Technician program at COGS has been training survey technicians for over fifty years. The graduates of this one-year program have a choice of going directly into the workforce or continuing their education and enrolling in the Geomatics Engineering Technology program at COGS.

This one-year program exposes students to the basics of survey calculations and fieldwork procedures using both automatic levels and total stations. Students learn data collection procedures for both on-board and external data collectors. At this technician level, students conduct GIS-grade data-collection surveys using hand-held GPS receivers.

In the office environment, students are introduced to AutoCAD, CG-Survey and the Microsoft Office suite of software. The Survey Technician graduate is capable of drafting both legal and construction drawings within an AutoCAD environment.

Typically, Survey Technicians find employment at entry-level positions in both the private and public sectors of the Geomatics Industry. This would include, but is not limited to, construction companies, private land survey firms, oil and natural gas exploration companies and civil engineering firms in Canada and the United States.



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(10 of 34 *Survey Technician* students chose to be included in this publication.)



JUSTIN CAMPBELL

Hard working, skillful, eager to learn, enthusiastic

EDUCATION

2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2008 - High school diploma
Hants North Rural High, Kennetcook, NS

SKILLS

- Problem solver
- Adapting to new ideas and work sites
- Sociable
- Fast learner
- Responsible
- Dependable
- Intelligent
- Expressive
- Persistent
- Competitive

WORK EXPERIENCE

Present - Farmhand
Sunnypoint Farms
Milk cows, fix equipment, operate machinery, other labour jobs
2008 - Ironworker
Marid Industries
Structural steel erector and other miscellaneous steel jobs, stairs, rails, decking etc.

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Res. Grand champion dairy showman 2006
- 4-H Master 2005 (Public Speaking)



COLIN CHALMERS

Competent worker with desire to learn and problem solve

EDUCATION

2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2006 - Business Administration – Investment Management Diploma
NSCC, Halifax, NS

SKILLS

- Field experience with automatic levels, total stations
- CAD work with AutoCAD and CG Survey
- Software experience: TDS Survey Pro, ArcGIS, Microsoft Office
- Survey calculations
- Business background with sales experience
- Financial investment background
- Professional, honest and resourceful

WORK EXPERIENCE

2008 - Assistant Financial Planner
Investment Planning Counsel
Worked with a team carrying out financial planning and investing

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Earned Financial Management Advisor designation – 2008



RYAN FRANCIS

Loves math, keen eye for detail, positive attitude, optimistic perspective, encouraging & helpful

EDUCATION

2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2004 - High School Diploma
Digby Regional High School, Digby, NS

SKILLS

- Learns very quickly
- Currently among top students
- Efficient with Survey Pro calculation functions
- Willing to travel for work
- Skilled with AutoCAD and CG Survey 8
- Able to promptly set up over a point (total station)
- Great problem solving skills
- Work well with others
- Firm understanding of survey theories & circle geometry
- Hardworking (even unsupervised), efficient & motivated

WORK EXPERIENCE

2008 - Acted as Rod, Party Chief, Check
COGS Field work
Hands on survey experience, levelling, trig level, layout (total station), calculation experience

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Math Award (1998)
- Attended Huggins Summer Science Seminar
- Attended Dalhousie Math Camp
- Captain of two-time division 3 provincial Basketball team
- Admitted to COGS NSCC, currently in semester two
- Saved efficiently to afford school



BENJAMIN KAUL

Dependable, reliable, willing to learn work, able to take responsibility

EDUCATION

2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
2008 - High School Diploma
Park View Education Centre, Bridgewater, NS

SKILLS

- Trained in operating industry-standard survey equipment
- Proven math skills
- Fieldwork experience and knowledge
- Great communication skills
- Good problem-solving skills
- Capable of handling difficult situations
- Organization skills
- Able to work in a team
- Management skills
- Dedicated and hard working

WORK EXPERIENCE

2008 - Student Visitor Counselor
Visitor Information Centre
In that position I was giving tourist information to visitors

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Park View Education Centre Community Award



PETER MACDOUGALL

My greatest accomplishment is graduating from University with a BBA

EDUCATION

2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2007 - B. Business Administration
St. Francis Xavier University, Antigonish, NS

SKILLS

- Believe in honesty, integrity and loyalty
- Able to handle pressure and conflict professionally
- Strong work ethic, eager to learn
- Work well with others
- Use technology and instrument tools effectively
- Organized
- Software skills, AutoCAD, CG Survey, ArcMap
- Self motivated
- Postive attitude
- Healthy competitive drive

WORK EXPERIENCE

2008 - Lobster fisherman's helper
Raymond MacGillivray

Hauled and set traps, baited, repaired traps, set mackerel nets, banded/sorted lobsters

2007 - Grocery/Cashier (Various Departments)
Atlantic Superstore

Provided customer service working in various departments, trained employees, team atmosphere

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Won golf club championship at home course
- Came Second in Peewee AA provincials
- Won provincials High School soccer junior year
- Helped organize a successful Beach Boys concert
- Graduated from St.F.X., concentration in Finance
- Hands on learning with survey gear
- Able to work anywhere in Canada



RODNEY MACLEAN

A survey technician with demonstrated technical skills and a business background

EDUCATION

2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2005 - B. Business Administration
St. Francis Xavier University, Antigonish, NS

2001 - High School Diploma
Memorial Composite High School, Sydney Mines, NS

SKILLS

- Engineer drawings in AutoCAD & CG Survey
- Experience using total station and automatic level
- Sharp math & surveying skills
- Background knowledge in GPS & coordinate systems
- Excellent problem solver
- Knowledge in legal aspects of surveying
- Expert in all Microsoft Office applications
- Creating maps
- Able to work well in a group or individually
- Well-organized, self-motivated, professional

WORK EXPERIENCE

2008 - Business Development Manager
Protocase Inc.

Managing staff, developing and executing marketing strategies, develop and maintain customer relations, sales training

2006 - Census Representative
Statistics Canada

Provide assistance to the public for completion of Census forms, management and organization to confirm all households received and completed forms

AWARDS, ACHIEVEMENTS & OTHER NOTES

- OHS – Occupational Health & Safety Certificate
- WHMIS – Workplace Hazardous Material Information Systems Certificate
- First Aid / CPR Certificate
- Valid Nova Scotia Driver's License (Class 5)



JORDAN McGRATH

EDUCATION

2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2002 - B. Commerce (Co-op)
Dalhousie University, Halifax, NS

SKILLS

- Proficient with AutoCAD and Microsoft Office Suite
- Completed a Chainsaw Operation and Safety Course
- Familiar with the use of a Total Station and Automatic Level
- Take clear and concise field notes
- Can supervise and delegate responsibilities
- Team player
- WHMIS & OMS Certified
- Understand the importance of meeting deadlines

WORK EXPERIENCE

2008 - Inside Sales
Graybar Canada

Coordinated prompt handling of customer service requests; provided technical support on electrical products

2004 - Assistant Manager
WalMart Canada

Supervised a team of 35 associates responsible for ten departments



JANET MEISNER

Currently attending COGS to enhance skills and experience in the Survey field

EDUCATION

2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS

2008 - High School Diploma
Strait Area Educational and Recreation Centre - SAERC, Port Hawkesbury, NS

SKILLS

- Cooperative
- Dedicated
- Dependable
- Patient
- Trustworthy
- Holds WHMIS and OHS cards
- Good Communicator
- Experience with Advanced Mathematics (Calculus)
- Experience in field, concerning Survey equipment and calculations
- Proficient with Microsoft Word and Microsoft Excel

WORK EXPERIENCE

2008 - Waitress
Skye Restaurant

Prepared tables, served meals and cleared tables

AWARDS, ACHIEVEMENTS & OTHER NOTES

- WHMIS Safety Course
- OHS Course
- Ford and Bea Smith Scholarship
- NSCC Entrance Award
- Jamie Lapierre Memorial
- Honor Chord - SAERC
- Music Honor Medal - SAERC
- Young Drivers Diploma
- Gold Award - SAERC
- Staff Award - SAERC



KUFRE SILAS

A Survey Technician capable of developing and applying survey skills in a progressive surveying company

EDUCATION

- 2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
- 2006 - Certificate in Marketing, Chartered Institute of Marketing
Private candidate (Professional Marketers Organization), London, UK
- 2005 - NCC (UK), Diploma in Computer Studies
Systematic Institute of Information Technology, Kuala Lumpur, Malaysia

SKILLS

- Possess user knowledge of Thales WinFrog3.3, ArcGIS, Basic Ribbit, C&G (CAD) & GPS pathfinder
- Practical applications of GPS for Survey positioning
- Use of MobileMapper & Microsoft Office software
- Skills Property, Engineering & Hydrographic Surveys
- Processing and producing basic nautical charts
- Speaks English, basic French, Mandarin, Cantonese
- Commendable PR skills and hardworking

WORK EXPERIENCE

- 2003 - Crew Assistant
Ramata Surveys Company Limited, Uyo, Akwa Ibom, Nigeria
Property, Subdivision and Engineering Surveys
- 2006 - Fitness Trainer
EITP Fitness Centre, Damansara Jaya, Petaling Jaya, Malaysia
Conducting fitness test, stretching, & body toning exercises
- 2007 - Writer/Marketer
Mirara Corporate Sdn. Bhd. Publishers of Focus IMT-GT Magazine
Writer/Marketer, working as a magazine journalist under the supervision of The Editor in Chief & also providing leads and support for the Marketing Department

AWARDS, ACHIEVEMENTS & OTHER NOTES

- 800-m & 100-m competitive sprint event medalist
- Secretary St. Mary's Science College Press Club
- Winner of The Best Foundation 2002 English language Essay Competition, Akwa Ibom, Nigeria
- Systematic College (SIIT) 2003 Award of Appreciation for Organizing International Students
- Founder of a Malaysian-based African ethnic dance group (Modelz Afrique)
- Author of book titled "Activating the Christian Faith"
- 2008/2009 SA Vice President Activities of COGS



JONATHAN THOMAS

EDUCATION

- 2009 - Survey Technician Diploma
Centre of Geographic Sciences - NSCC, Lawrencetown, NS
- 2008 - B. Arts (Completed 1st Year)
Memorial University of Newfoundland, St. John's, NL
- 2007 - High School Diploma
Hants East Rural High, Milford, NS

SKILLS

- Proficient with Automatic level for Differential/Profile Leveling
- Proficient with Topcon Total Station for traversing and trigonometric leveling
- Creating drawings in AutoCAD and CG Survey
- Using Microsoft Office 2007 (Word, PowerPoint, Excel)
- Calculations such as traverse closures, atmospheric corrections and curvature and refraction.
- Experience on ATVs
- Strong attention to detail
- Hard working

WORK EXPERIENCE

- 2008 - Vehicle Service Attendant
Hertz Canada Ltd.
Responsible for inspecting and cleaning rental cars upon return from rental, as well as driving them
- 2008 - Front-End, Cashier, Meat Dept.
Sobeys
Retrieve shopping carts from parking lot and help with customer service ; Process shopping orders; Process meat products
- 2006 - Labourer
Terry's Berries
Picked strawberries, helped with quality control; raked blueberries

AWARDS, ACHIEVEMENTS & OTHER NOTES

- Memorial University of Newfoundland Entrance Scholarship
- Conrad Transport Bursary
- Honours throughout High School
- Class 5 Driver's Licence
- WHMIS and OHS



Ada Cheung
BA
Dip, Cartography, COGS-NSCC

Department: Cartography - Digital Mapping



Piers Churchill
Dip, Cartography, COGS-NSCC

Department: Cartography - Digital Mapping



Ela Dramowicz
PhD, MSc Economic Geog
Integrated Dip, GIS/RS, COGS-NSCC
Adv Dip, GIS, COGS-NSCC

Department: Geographic Information Systems for Business



Konrad Dramowicz
PhD, MSc Geography
Adv Dip, GIS, COGS-NSCC

Department: Geographic Information Systems for Business



Troy Greene
PEng
BSc, Geodesy and Geomatics Engineering

Department: Marine Geomatics



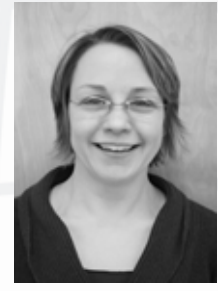
Mark Hebert
PLIT

Department: GIS Technician, Planning: Land Information Technology



Paul Illsley
Dip, Cartography, COGS-NSCC

Department: Cartographer, Technical Assistant



Monica Lloyd
Dip, Cartography, COGS-NSCC

Department: GIS Technician, Planning: Land Information Technology



Darren MacKinnon
BSc, Geology, St. FX
Adv Dip, GIS, COGS-NSCC

Department: GIS Technician



David MacLean
BSc, Math, Acadia
BEng, Mech Eng, TUNS
Adv Dip, Sci Comp Prog, COGS-NSCC

Department: Geographic Information Systems



Trevor Milne
Adv Dip, Remote Sensing
Adv Dip, Applied Geomatics
Research Group, COGS-
NSCC

Department: Remote Sensing



Jim Norton

Department: Remote Sensing, Geomatics Engineering Technology



Richard Phelan
BSc SE
MEng, GGE

Department: Geomatics Engineering Technology



Brian Pyke
PEng, CLS, QP1

Department: Marine Geomatics



Dave Raymond
MEng, UNB

Department: Cartography - Digital Mapping



Kathleen Stewart
BA English, Dalhousie
Adv Dip, GIS, COGS-NSCC

Department: Geomatics Programming.



Jim Verran
Adv Dip, SCP, COGS-NSCC
BEd, Acadia
BSc, Saint Mary's

Department: Geographic Information Systems



David Wedlock
NLSL, PEILS, COGS

Department: Survey Technician

Attention Employers:

Thank you for taking the time to read the *2008-2009 Graduate Profile* booklet. If you are interested in posting a job description with us, or contacting any of the students, please follow the Guidelines for Employers below.

Guidelines for Employers:

1. Send by fax or email, a brief job description detailing the nature of the position, the qualifications required, salary or salary range.
2. After reviewing the list of candidates in the *2008-2009 Graduate Profile* booklet and submitting a shortlist to faculty at COGS, employers may ask Centre of Geographic Sciences for the students' personal contact information.
3. COGS Graduate /Employer Agreement
The details of the employment agreement are the responsibility of the employer and graduate.

To discuss employment opportunities for graduates or further information please contact:

Darren MacKinnon, GIS Technician
Darren.MacKinnon@nscC.ca

Tel: 902-584-2108 Fax: 902-584-7211

David MacLean, Geographic Information Systems Faculty
David.MacLean@nscC.ca

Tel: 902-584-2088 Fax: 902-584-7211

Job Description

Please return to: Centre of Geographic Sciences
Phone: 902-584-2088 Fax: 902-584-7211, 50 Elliott Rd. RR#1 Lawrencetown, NS B0S 1M0
E-mail: Darren.MacKinnon@nscC.ca or David.MacLean@nscC.ca Website: www.cogs.ns.ca

Company Name:

Contact Person and Title:

Address:

City:

Country:

E-Mail:

Website:

Tel:

Fax:

Position:

Location:

Description of Duties:

Job/Skill Requirements:

Salary or Salary Range:

Other Benefits:

Post Closing Date:

Centre of Geographic Sciences

NSCC Annapolis Valley Campus
50 Elliott Road RR#1
Lawrencetown, Nova Scotia

www.cogs.ns.ca
(902)584-2226

2008 - 2009 Graduate Profiles

