

Michael P. Brown

Home Address: 8945 Hacienda Road RR#1 Aylmer (West), ON N5H 2R1
E-mail Addresses: m7brown@ryerson.ca, mpbrown@gmail.com
Phone Number: 519-773-5919

Career Objective

To further my education in the growing field of Geomatics, complementing my previous work experience in the industry as well as my past undergraduate studies.

Skills Summary

- Strong organization skills; able to present information in an informative yet concise manner.
- Flexible to work different positions and hours, and quickly adaptable to new tasks. This can be attributed to the co-op distinction on my forthcoming degree, as co-op operates in such a way that students are continually learning to adapt to new work situations.
- Highly developed analytical and problem solving skills; continually call upon by challenges faced in both school and work environments.
- Advocate for life long learning; quickly able to adapt to new tasks through self motivation and determination to always strive to learn more.
- Works well independently or in team environments.
- Ability to multi-task; evident through taking multiple university courses along with participating in a university co-op job application, interview process.

Computer Skills Summary

| OS | Geomatics | Programming Languages | Other Applications |
|---|---|---|--|
| <ul style="list-style-type: none">▪ DOS▪ MAC▪ UNIX▪ Windows:<ul style="list-style-type: none">- XP/2000/NT/ME/98/95 | <ul style="list-style-type: none">▪ ArcGIS 8.x▪ ArcInfo▪ ArcView 3.x▪ ArcPad▪ Geomatica▪ IDRISI▪ MapInfo▪ <i>Map Objects</i>▪ TransCad▪ <i>TAS (Terrain Analysis System)</i> | <ul style="list-style-type: none">▪ AML▪ Avenue▪ DB2▪ HTML▪ Java▪ Pascal | <ul style="list-style-type: none">▪ PHP▪ Turing▪ SQL▪ Visual Basic▪ Adobe:<ul style="list-style-type: none">Acrobat/Illustrator/PhotoShop▪ AutoCad▪ Corel Draw▪ Microsoft Office:<ul style="list-style-type: none">- Access/Excel/FrontPage/Outlook/PowerPoint/Word▪ NRVIS (Ontario)▪ Paint Shop Pro |

Education

- University of Toronto & Ryerson University, ON 2005-Present
Candidate for Masters Degree in Spatial Analysis
- University of Waterloo, Waterloo, ON 1999-2004
Degree granted in Honours Environmental Studies, Geography, specializing in Geomatics, with Business Option and Computer Science Minor. Awarded Dean's Honour Roll and Diploma of Excellence in Geographic Information Systems (GIS).

- ESRI Virtual Campus 2001-2004
Successful completion of Introduction of Visual Basic, MapObjects Basics, and Programming with Avenue for ESRI Software.
- University of Western Ontario, London, ON 1998-1999
Successful completion (A+) of Astronomy 021 during Grade 13 through a concurrent studies program for advanced students.
- East Elgin Secondary School, Aylmer, ON 1994-1999
Received Ontario Secondary School Diploma, Grade 13 with Honours.

Work Experience

GIS Data Technician

Ontario Ministry of Natural Resources, Aylmer, Ontario

May/2004 – Aug/2005

Aug/2003 – Dec/2003

- Extensive involvement in the development of the Southern Ontario Land Resources Information System, resulting in a detailed land classification of Southern Ontario.
- Compiled a digital district drainage layer for use in the wetland drain restoration project.
- Performed accuracy assessment, field validation, and completed a summary report on rapid wetland assessment model results.
- Used advanced sub-meter accurate global position system (GPS) unit during field season, and also trained a number of Ministry staff in the use of this device.
- Compared the approach and effectiveness of two types of Watershed Analysis software, by using digital elevation model base data.
- Developed customized mapping products for various departments within the Ministry of Natural Resources, when called upon.
- Assisted district staff with a variety of Information Technology (IT) related problems, and provided GIS training where required.

GIS Analysts

Transport Canada, Ottawa, Ontario

May/2003 – Aug/2003

- Responsible for matching geographic rail/highway crossings to non-spatial crossings database information with the aid of a newly developed GIS tool.
- Determined prominent areas of missing attribute information, resulting in researching possible sources, and also obtaining this missing data if possible.
- Accumulation of detailed statistics regarding the overall match rate percentages, and attribute detail for rail/highway crossing on a province by province basis.

GIS Technician

Sobeys Inc., Mississauga, Ontario

May/2002 – Aug/2002

- Responsible for creating/updating GIS maps for strategic regional market overview reports.
- Analysis of Sobeys Inc's banners performance based on customer origin surveys.
- Assisted in identification of database errors and integrity problems.
- Provided GIS expertise to market research analysts when called upon.

GIS Specialist

Oil, Gas & Salt Resources Library, London, Ontario

Michael Brown, 3
Aug/2001 – Dec/2001
Jan/2001 – Apr/2001

- Responsible for analysis and testing of the accuracy of the spatial data stored in the Ontario Petroleum Database System and correction of errors.
- Prepared a report analyzing the conversion from a physical hardcopy database and mapping system to the new digital database, and GIS interface.
- Provided training to Ministry of Natural Resources staff in the use of Arcview.
- In charge of creation and supervision of Arcview practical test for new Spatial Data Technician applicants at the Ministry of Natural Resources.
- Knowledge of Petroleum Industry, and how it relates to GIS was also gained.

General Labourer

TDS Group Ltd., Tillsonburg, Ontario

May/2000 – Aug/2000

- Full time, student employment, working 40+ hours a week.
- Solid comprehension skills were required as set packing procedures were to be followed for a variety of products.
- Responsible for inventory control, with each product packaged.
- Suggested small changes to the packing procedures of two products, resulting in an increased packing efficiency, and lower company costs.

Tobacco Farm Labourer - Bin Filler, Primer, Boat DriverBert Brouwer Farm, Division 584012 Ontario Ltd, R.R.#1
Aylmer, ON

Aug/2000

- A pool resource employee, working varied position when called upon.
- Valued employee, resulting from my flexibility, experience, and ability to train new employees.
- Due to varying jobs needs, skills of middle management were call upon.

**Part-time Entrepreneurial Venture:
Property Maintenance for Seniors**

1996-1999

- Had to be flexible, doing extra hours when requested.
- Developed good communication skills with seniors.
- Responsibilities included cutting lawns, and various landscaping jobs in the summer, and snow removal in the winter season.

Tobacco Farm Labourer - Bin Filler, Primer

1158913 Ont. Inc., R.R. #1 Aylmer, Ontario

Summer 1993 – Summer 1999

- Adapted to working at different positions.
- Was flexible as to do extra hours when requested by supervisors.
- Managerial skills were occasionally called upon to train, off-shore seasonal workers how to prime tobacco and fill the kilns.
- Co-operative team work and, solid communication skills were needed.
- Used analytical skills to determine when bin had proper amount of tobacco, necessary for quality control.

Honours/Distinctions and Awards

- Ontario Graduate Scholarship 2005-2006 (\$15000, \$5000 per academic term)
- Ryerson Entry Scholarship 2005 (\$1000, \$333 per academic term)
- The Geomatics Canada Scholarship Program (\$2000 along with a one year membership in the organization), Canadian Institute of Geomatics, 2003.
- Deans Honour's List, University of Waterloo Environmental Studies, 2001 - 2004.
- Geography Scholarship (\$300), University of Waterloo, 2001.
- Entry Scholarship (\$1000), University of Waterloo, 1999.
- Honours Graduate, Ontario Scholar, East Elgin Secondary School, 1999.
- Honours Participant in the C.A. Challenge, 1999
- Completed a concurrent studies program at the University of Western Ontario during final year of high school, resulting in successful completion (A+) of Astronomy 021, 1998.
- Certificate of Distinction, Great Canadian Geography Challenge, 1998.
- Outstanding Achievement Grade Twelve Economics, East Elgin Secondary School, 1998.

Hobbies & Interests

- Frequent computer user: stand-alone, or online
- Active Canadian Blood Donor
- Avid sports fan, enjoying basketball, baseball, football, hockey, and soccer
- Regular gym member
- Enjoy a variety of outdoor activities such as hiking, canoe, camping
- Occasional reader of science fiction, fantasy, and adventure novels