

Laura Miles

1604 Sixth Ave, New Westminster, BC V3M 2C9
604-357-3524 / lmiles9@my.bcit.ca

PROFESSIONAL PROFILE

- High-performing Mapping Technician with over 3 years of experience
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CORE PROFESSIONAL STRENGTHS AND SKILL SET

- ArcGIS, MapInfo, Autodesk Map, Global Mapper and other GIS software
 - Projections and datum and their issues; diagnosis and correction of data anomalies
 - Variety of GIS software and file formats, including CAD
 - Sourcing, evaluating, cleaning, integrating data from various organizations
 - Creation and maintenance of geospatial data, attributes and metadata adhering to strict quality control standards
 - Design and creation of maps for national and international publication
 - Relational database and geodatabase design and customization
 - MS Access, Excel; Adobe Photoshop, Illustrator
 - Web design: HTML, CSS, PHP, JavaScript
 - Working knowledge: VBA, Python, Java
 - Experienced in the use of GPS units
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EDUCATION

Bachelor of Technology in GIS, *British Columbia Institute of Technology*, 2011

Advanced Diploma in GIS, *British Columbia Institute of Technology*, 2008

Associate of Science, *Douglas College*, 2007

- Specialization in Geography, Geology, Biology
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HIGHLIGHTS OF PROFESSIONAL EXPERIENCE

Geographic Analyst

May 2010 to Present

Navteq, Richmond, BC

- Maintenance and updating of Navteq's Canada-wide geographic database
- Evaluating source materials for use in database updates
- Performing field data collection using gps

GIS Technician

November 2009 to May 2010 (contract position)

Musqueam Indian Band, Vancouver, BC

- Helped to establish cartographic standards to present a professional and unified appearance for all maps produced by the GIS unit
- Maintained geographic data and detailed metadata for emergency management and community planning purposes

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Geomatics Project Officer

April 2009 to August 2009 (contract position)

Department of Indian and Northern Affairs, Vancouver, BC

- Provided mapping/GIS support in a client service environment to the treaty negotiations process
- Assisted in developing methodology for new projects as well as updating existing procedures
- GIS Analysis to flag sensitive (environmentally or otherwise) areas

GIS Analyst

December 2008 to March 2009 (contract position)

Department of the Environment, Vancouver, BC

- Compiled geospatial data from various provincial and federal government departments and non-government organizations into a central location for access by Strategic Integration Partnerships Development staff
- Designed a geodatabase to contain this data and support the mapping and GIS needs of the Aboriginal Affairs Unit
- GIS analysis of environmentally sensitive habitat locations into Aboriginal Affairs' Treaty Negotiations process
- Developed standardized procedures and methodology for future treaty negotiations-related environmental analysis
- Collaborating with Wildlife Biologists, Geologists, Information Technology Specialists and other professionals to design analysis procedures and interpret results
- Technical Reviewer for the Environmental Damages Fund

Cartographer

August 2008 to November 2008 (contract position)

Backroad Mapbooks, Coquitlam, BC

- Preparation and cleaning of base data in ArcGIS
- Finishing of maps in Adobe Illustrator and InDesign

GIS Intern

September 2007 to May 2008 (student project)

ESRI, Redlands, CA (remote project)

- Design of a sample geodatabase which showcased the potential of the geodatabase model for the forestry industry
- Design and programming of an installation wizard which enables users to create a customized geodatabase which fits their data, and helps them to migrate their data quickly and easily
- Literature review and technical documentation to help prospective customers and existing users understand the significant advantages to adopting the geodatabase standard

Cartographic Intern

January 2007 to August 2007

ITMB, Vancouver/Richmond, BC

- Managing map production while owners were out of town. Approval of contract cartography/artwork, finishing design and aesthetic elements of maps, placing printing orders and approving proofs for international publication
- Website maintenance. Included updating of pages bi-weekly and occasional redesign of entire pages

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CONFERENCE ATTENDANCE

Indian and Northern Affairs Canada - National Geomatics Workshop **June 2009**

- Subjects included geomatics data and technologies, standards and business practices.

International Map Trade Association Global Conference & Trade Show **September 2008**

- Avenza MAPublisher workshop
 - ESRI ArcGIS for Cartography workshop
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PROFESSIONAL ASSOCIATIONS

- Member of URISA (Urban and Regional Information Systems Association)
- Member of NACIS (North American Cartographic Information Society)
- Registered GISCorps volunteer (URISA)