

Sarah M. Muir

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Geographic Information Systems Specialist

To obtain a position as a Geographic Information Systems specialist in professional environment where I can apply my skills and knowledge.

Relevant Experience

- ❖ Cartographic Design
- ❖ Client Service
- ❖ Geoprocessing
- ❖ Geospatial Analysis
- ❖ Relational Databases
- ❖ Remote Sensing: Image Interpretation and Processing

Education

Algonquin College | Graduate Certificate | *In Progress*

Geographic Information Systems (GIS)

Brock University | B.Sc. (Hons) | June 2009

Major: Physical Geography

The Grammar School | Guernsey | 2004

A-Levels | Art | Biology | Geography

Awards

Brock-Guernsey Undergraduate Scholarship | 2004-2008

Major Project

A Comparison of Classification Algorithms used to Map Surficial Deposits in Northern Canada using LANDSAT-8 Data – *in progress*

Programming Languages

C#, Python, SQL

Software

- ❖ Adobe Create Cloud:
Photoshop, Illustrator, InDesign
- ❖ Microsoft Office:
Word, PowerPoint, Excel, Project, Outlook, Publisher
- ❖ ArcGIS 10.2
- ❖ QGIS
- ❖ ArcScene 10.2 Map 3D
- ❖ ScapeToad Cartogram Software
- ❖ ENVI
- ❖ Sketchup

Courses

Algonquin College

Winter 2014

GIS 2: Analytical GIS (GIS4201) – *in progress*
Database Design and Management (GIS4203) – *in progress*
Introduction to Remote Sensing (GIS4204) – *in progress*
GIS Customization (GIS4207) – *in progress*
GIS Applications and Modelling (GIS4209) – *in progress*
Cartographic Design and Visualization (GIS4210) – *in progress*

Fall 2013

GIS 1: Introduction to Vector GIS (GIS4101)
Digital Map Compilation (GIS4105)
Introduction to Programming (GIS4107)
Maps and Geographic Data Collection (GIS408)
Data and Data Representation (GIS4109)

Brock University

Advanced Fluvial Geomorphology (GEOG 4P26)
Advanced Glacial Sedimentology (GEOG 4P28)
Advanced Remote Sensing (GEOG 4P07)
Ecology of a Changing Planet (GEOG 3P85)
Geographic Information Systems (GEOG 3P05)
Physical Geography Field Course (GEOG 3P56)
Research Topics in Applied Climatology (GEOG 4P12)

Work Experience

Administrative Assistant | Faculty of Graduate Studies, Brock University | August 2011 - June 2013

Contract Positions

Office Assistant | Temporary Employment Services, Brock University | January 2011 - July 2011
Special Projects | Dean's Office, Faculty of Graduate Studies, Brock University | May 2010 - July 2011
Graduate Admissions Assistant | Faculty of Graduate Studies, Brock University | March 2010 - May 2010

Student Employment

Office Assistant | International Services, Brock University | September 2007 – March 2010
Administrative Assistant | Butterfield Bank, Guernsey, United Kingdom | July 2007 – August 2007 |
May 2006 – August 2006

Leadership

- ❖ Program Representative | Geographic Information Systems | September 2013
- ❖ Graduate Recruitment Fairs | October 2012
Represented the Faculty of Graduate Studies at University of Guelph and Wilfrid Laurier University Graduate Fairs
- ❖ The Foundations of Leadership Practicum Series | November to December 2011
Bronze Level Interpersonal Communication, Brock University
- ❖ International ABCs Ghana | Trip Organizer | Assistant Group Leader | February 2010
- ❖ International Services Mont Tremblant Ski Trip | Trip Organizer | Group Leader | January 2010