

## Objective Qualifications

*To pursue a career in consulting geology while utilizing my strengths in technology.*

- **B.Sc in Earth Sciences (Geology) from Simon Fraser University (BC, Canada) (2009)**
- **Registered with APEG BC as a Geoscientist-in-Training (GIT)**
- Professional-level database, GIS and information technology skills from a previous career
- Proven ability to work in varied conditions, climates and cultures
- A critical thinker who is diplomatic, positive, and always friendly
- Featured in Simon Fraser University's 2009 student recruitment campaign
- Featured by Yale Secondary School as a distinguished alumnus in 2009

## Education

- **B.Sc in Earth Sciences (Geology) from Simon Fraser University (BC, Canada) (2009)**
- **Highlight of earth science courses taken to date:**
  - Ore mineralogy
  - Global tectonics
  - Environmental geoscience (mass wasting, risk assessment) and terrain analysis
  - Sedimentary, metamorphic & igneous petrology
  - Stratigraphy and advanced sedimentology
  - Rock & soil mechanics and engineering
  - Hydrogeology & groundwater geochemistry
  - Quaternary geology
- Training in Gemcom Surpac 6.1 (2008) (Foundation, Geology and Resource Modeling)
- Attended AME BC Exploration Field Safety Awareness Workshop (2005)
- Graduated with honours from Yale Secondary School (Abbotsford, BC)

## Professional Experience

### **Project Geologist – LexamVG Gold Inc.**

*March 2010 - Present*

Project management of 1 of 3 diamond drills on multiple properties in the Timmins, Ontario gold camp, including spotting proposed drillholes using survey-grade GPS equipment (Trimble), drillhole planning, daily core logging, geological interpretation using Gemcom GEMS, and preparing displays for investors.

### **Consulting Geologist – Rio Minerals Ltd.**

*August 2009 - February 2010*

Prospecting, field mapping and GIS mapping for polymetallic veins, epithermal, red-bed copper and high sulphidation deposits in British Columbia, Bolivia and Mexico. Identified and collected soil and rock samples for assay. Contributed to assessment reports, built compilation and special-use maps, Google Earth visualizations and databases.

### **Data Management Geologist – Copper Fox Metals Inc.**

*Summer 2008*

Primary contact for on-site multi-million dollar geology operations at the Schaft Creek porphyry copper deposit in northern British Columbia, Canada. Interacted with consulting engineers and government officials. Managed junior geologists and performed lithological and geotechnical core logging. Operated oriented core drillhole tool, located and flagged new drill sites, maintained 3D project maps in Surpac and built and maintained drilling progress website.

## Professional Experience

(continued)

### **Crew Geologist – Mars Society Canada**

February 2008

Planned, designed and executed self-directed research into the feasibility of soil gas as a resource indicator in a Mars analogue setting. Conducted introductory-level geology instruction to engineers and biologists on the crew during our two week simulated mission to Mars in the Utah desert. Involved in public outreach in interviewed by CBC, SFU and newspapers for participating in the all-Canadian team.

### **Website Developer – Stargate Connections Inc.**

2000 - 2006

Built websites using HTML, PHP and CSS for a wide range of clients. Set deadlines, managed projects, and communicated with designers, photographers and network consultants to ensure projects were completed on-time and under budget.

## Awards & Competitions

- \$2,500 grant from Canadian Space Agency to attend IAC in Glasgow, Scotland (2008)
- Passport to Education scholarship (1998)
- IBM Computer Technology Award (1993)
- Winner of Fraser Valley Regional Science Fair (1993)
- Participant in Canada Wide Science Fair (1993)

## Memberships

- Student member of the **Geological Association of Canada** (GAC)
- Student member of the **Mars Society of Canada**
- Member of the **Vancouver Paleontological Society**
- Member of the **Royal Astronomical Society of Canada**
- Member of the **Planetary Society** (Discovery Team)
- Past member of the **Order of DeMolay**

## Volunteer & Non-profit

### **Treasurer – Earth Science Student Union, Simon Fraser University**

Sept 2007 - April 2008

Managed finances, reported to the president and members, monitored funding levels and made recommendations based on a number of factors.

### **Founder / Co-maintainer – Online community**

January 2005 - July 2007

Organized, built and maintained a strong online community of 150+ people. Coordinated events, assessed new membership applications and mediated interpersonal problems between members.

## Languages

- **English** – first language
- **French** – limited comprehension
- **Spanish** – basic comprehension
- **Danish** – limited comprehension

## Samples

- **DrillWatch.ca** - tool for mineral exploration camps to monitor drilling progress (2009)
- **Interview with CBC radio** - Mars Desert Research Station (2008)
- **Tectonics on Jupiter's icy moon Europa** - term paper / presentation (2008)
- **Surface exposure cosmogenic nuclide dating** - term paper (2008)
- **Channeled scablands: field observations and interpretations** - field report (2008)
- **Foundational Exosedimentology** - term paper (2007)
- **Fossil 1.0** - educational website (2004)

Term papers, interviews and educational websites are available for download and review from

[www.spaceman.ca/resume](http://www.spaceman.ca/resume)