

# Landon Mutch

Edmonton, CA | [landonmutch@gmail.com](mailto:landonmutch@gmail.com)

## Resume

### Work Experience

- 2014 **Mining Co-op Student Geologist at Teck Coal Ltd.**  
Fording River Operations, Elkford, BC.
- Completed 6 month co-op work term with Fording River's geology team
  - Worked with various database systems (including acQuire) to maintain, monitor, and improve downhole log, analytical, sampling, and statistical coal seam data
  - Worked with various modeling software systems (including MineSight) to build weekly and quarterly reports and models, based on current mine and coal seam data, for use by internal mine operations and company affiliates
  - Oversaw logistics, downhole surveys, and seam sampling for 2 mobile drilling rigs involved in the mine's summer in-pit exploration program
  - Coordinated in-pit and office operations between pit foremen, drill foremen, support equipment, administration, and geology team members to ensure smooth execution and completion of our 2014 summer exploration program goals
- 2011 – 2012 **Mining Exploration Student Geologist (Field and Office)**  
Apex Geoscience, Edmonton/Vancouver.
- Worked in an office environment planning logistics, budgeting, mapping, and coordination for various exploration projects in Alberta, BC, and Saskatchewan
  - Worked with various exploration and mapping data in GIS
  - Lived in and built helicopter camps for diamond drilling operations in Northern Alberta (Oil Sands), Southern BC (Kettle Valley and Merritt), and Nunavut (Melville Peninsula)
  - Logged and teched diamond drill core
  - Prospected and collected soil samples from outcrops, grids, and trenches
  - Assisted with geophysical (magnetic and induced polarization) field surveys
- 2009 – 2010 **Plumber/Gasfitter Apprentice**  
Total Heat/Cool Services, Edmonton.
- Gained second year of experience towards apprenticeship
  - Installed/repaired boiler, furnace, refrigeration, A/C, HVAC, and plumbing systems
  - Worked on many residential and commercial jobsites
- 2002 – 2003 **Hartek Mechanical, Edmonton.**
- Gained first year of experience towards apprenticeship
  - Installed gas-lines, radiant heating lines, pumps, and boilers
  - Worked with various tradesmen on many different jobsites
- 2004 – 2011 **Contractor**  
Great Investments Incorporated, Edmonton
- Owned and Operated Great Investments Inc.
  - Bought, sold, and maintained real estate investment property
- 2004 – 2006 **Northern Mat, Edmonton/Drayton Valley.**
- Oversaw crew of six to twelve workers as foreman and heavy equipment operator
  - Built rig matting for use in the oil patch
- 1999 – 2004 **Renovator**  
Artiste Renovations, Edmonton.

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- Gained experience in various trades such as plumbing, electrical, framing, dry-walling, and finishing

## Education

2011 – 2015

### **Bachelor of Science, Geology Major**

University of Victoria, Victoria.

- Completed 4-year degree in Earth and Ocean Science department with a CGPA of 5.74 (B+ on 9.0 scale)
- Completed classes in Energy Resources, Oil and Gas, Mining Geology, Field Geology, Mapping, Modeling, Mineralogy, Sedimentary Geology, Igneous and Metamorphic Geology, Structural Geology, Global Tectonics, Earth System Modeling, Geophysics, Isotopes, Geochemistry, Physical Chemistry, Environmental Geology, Physical and Biologic Ocean Systems, Biology, Paleontology, Statistics, Calculus, and Computer Programming
- Awarded the Jason Lang Scholarship (\$1000) for high academic achievement

2010 – 2011

Grant MacEwan University, Edmonton

- Enrolled in Earth and Atmospheric Science department
- Finished 1st year with a CGPA of 3.66 (A- on 4.0 scale)
- Completed first year prerequisite classes in Geoscience, Chemistry, Physics, Calculus, and Biology
- Awarded the Canadian Association of Petroleum Producers Scholarship (\$4000) for exceptional academic achievement in Geology related coursework

2008 – 2009

### **Preparation for University**

Grant MacEwan University, Edmonton.

- Completed all 30-level math and science classes
- Finished with a total GPA of 3.8 (A on 4.0 scale)

2006 – 2008

### **Diploma in Applied Communications in Professional Writing**

Grant MacEwan University, Edmonton.

- Completed 2-year diploma in Professional Writing
- Gained experience working on communications, editing, web development, technical writing, and media projects with teams of diverse people

## Personal Pursuits

2013 – Present

### **Developing Windows, Android, and iOS Apps**

Google, Apple, and Microsoft, California, USA.

- Develop mobile and desktop applications for PC, Android, iPhone, and Windows Phone devices
- Design and program apps using high-level object oriented languages including Java, C++, Objective-C, C#, Swift, database languages such as SQL and SQLite, as well as various web-based languages including JSON, PHP, HTML5, CSS, and JavaScript

2001 - Present

### **Traveling**

Canada, United States, Mexico, Guatemala, Cyprus, Egypt, Greece, Hungary, Germany

- Bicycled across Canada, from the west-coast to the east-coast, in 48 days as part of a small team of eight other cyclists
- Was part of a large team that helped to build and teach in a school in Guatemala
- Conducted a detailed, island-wide geological field study of the Troodos Ophiolite in Cyprus and presented isotopic data integral to its geologic setting
- Toured many of the most famous ancient and classical ruins of the Egyptian, Roman, Greek, Minoan, and stone-age civilizations