**EDUCATION**

**Bachelor of Engineering: Major in Mining Engineering Co-op September 2014 – February 2018 (Expected)**

*McGill University, Montreal, Quebec*

**SKILLS**

**Technical skills:** Statistical Analysis, Portfolio Management, Surveying, Reliability Analysis

**Software**: Microsoft Office (Word, Excel and Project), AutoCAD, ANSYS Fluent, Matlab, Vulcan, SGems

**Programming**: C, VBA

**Languages:** Fluent in English & French

WHMIS Certificate

Level 5 Quebec Driving license

**ENGINEERING EXPERIENCE**

**Mining Engineering Intern January 2017 - May 2017**

*Glencore: Matagami Mine, Matagami, Quebec*

* Closely assisted and supported the geologists and engineers with sampling, ventilation, ground control or ore grade underground inspections
* Analyzed several influencing factors of the plant’s recovery rateand presented results to the Metallurgists
* Performed precise RQD calculations and Magnetic field measurements to improve data reporting
* Accurately modelled the ore-body using drill holes data with Leapfrog software

**Research Assistant in Slurry Transport June 2015 - August 2015**

*McGill University, Montreal, Quebec*

* Strictly adhered to health and safety protocol when conducting routine experiments on pipeline erosion caused by backfill flow
* Designed and improved 4 pipeline and support structures using AutoCADand ANSYS Workbench platform
* Carried out 2D and 3D simulations using ANSYS Fluentto anticipate complications and adjustments
* Managed data using MS Word and Excel and interpreted results in a systematized manner to clearly demonstrate progress and areas for improvement

**MINING RELATED PROJECTS**

**Topographical Surveying Contour and Elevation Maps**

* Acquired in-depth knowledge of surveying instruments (level and theodolite) and their application
* Developed a large scale AutoCAD representation of the McGill downtown main campus traverse

**AutoCAD Design Project**

* Recreated a technical drawing of a multiple story residential building using AutoCAD
* Produced an impressive 3D model of a friction fitting pipe connection using AutoCAD

**Rock and Soil Mass Characterization Project**

* Compiled a comprehensive report on the causes, effects and remedies of soil slope failure in mining projects to generate a knowledge advantage at a Rock and Soil Conference.

**Concrete Canoe Structural Analysis and Hull design team**

* In a team of 5, took on the task of testing the 3D printed canoe models and stress/strain Analysis of the canoe model
* Prepared and tested water-resistant admixtures for several concrete mixes with varying strengths

**HOBBIES & INTERESTS**

* Film, Music, Soccer