

Kai Corley-Jory

4th Year Geology Student, UBC

Address: 3429 Anzio Drive, Vancouver B.C. V5M 4E2

Email: kai.corleyjory@gmail.com

Phone: 1-250-538-7344

LinkedIn: www.linkedin.com/in/kai-corley-jory

Employment History

Geologic Field Assistant (Summer 2018): I was employed by Ehsan Salmabadi, a professional geologist, and current MSc Student working on a structural geology masters at U.B.C. His work took us to the Mackenzie Mountain Range in the N.W.T. near the Cantung Mine. Here we spent a month working in and around the mine, primarily to map structural features found in the region. Some time was spent staying at the mine, but most of the time we worked out of remote two man camps, that we either had to hike into or were dropped off by helicopter.

Self-Employed (2013-2018): The majority of work I have ever done was while self-employed. Most commonly I have worked as a laborer on a wide variety of job sites.

Carpentry & Construction: I have worked as a carpentry assistant with John Hicks, and many others on Salt Spring Island. I assisted in the construction of houses & garages from foundation construction, framing, roofing, & finishing of these structures. Additionally I have worked as a stonemason assistant in building retaining walls and re-finishing pathways.

Property Maintenance & Landscaping: I had been contracted & employed to care take and maintain private properties and farmland. This including mowing lawns, gardening, tending to animals & any other physical labor that is needed on a farm.

Full Scale Excavating (off & on): My father owns an excavating business and throughout the years I have joined him and worked on a variety of jobs using a number of different machines. I have used excavation machines to work on lot of projects, including: landscaping, digging foundations for houses, and installing septic fields. Because of this I have lots of experience and feel comfortable working with heavy machinery.

Maple Leaf Helicopters (Summer 2016): I was contracted to be in charge of social media and help with marketing communications. My duties including creating, updating, and expanding a company database of customers. They also include the creation and temporary management of social media for the company.

Education

Gulf Island Secondary School, Salt Spring Island, (2010-2014):

- High School Diploma
- Grade 10 & 11 Passport to Education Award

Langara College, Vancouver, (2014-2016):

- Study of general sciences working on pre-requisite courses for an engineering degree.

University of British Columbia, (2016-Current):

Currently in fourth year standing of pursuing my bachelor's degree in the science of geology.

- Dean's Honors List, 2016 & 2017
- Thomas & Marguerite MacKay Memorial Scholarship, 2017 & 2018
- Dr. Aaro E. Aho Foundation Transfer Scholarship, 2018
- 3.70 GPA

Coursework

Introduction to & Advanced Mineral Deposits (EOSC 331 & 424)

These courses involved a lot of lab work with extensive activities identifying minerals in hand specimens and with both reflected light & transmitted light microscopy. An overview of mineral deposit types was learned in the introductory course and a more in-depth understanding of formation & exploration was covered in the advanced course.

Completed in-depth projects on the epithermal Ladolam Gold Mine, Lihir, Papua New Guinea, and planning a field exploration season in the Redstone Copper Belt in the Mackenzie Mountains, NWT, Canada.

Introduction to & Advanced Structural Geology (EOSC 323 & 422)

These courses covered all types of natural deformation in the crust of the Earth. Along with the theoretical side there was a lot of lab time focused on geologic map interpretation & activities involving structurally controlled mineral deposits.

Igneous, Metamorphic & Sedimentary Petrology (EOSC 321, 322, & 320)

These courses support an understanding of all Earth process that exist in the rock cycle. Included with these courses were extensive labs with both hand sample identification and identification using transmitted light microscopy.

Field Techniques (EOSC 223) & Field Geology (EOSC 328)

223 was introduction to geology in the field, which included a few day trips to outcrop map & a one week field school, with a focus on geologic structures & mapping. Similarly 328 was a three week field geology course with a focus on outcrop mapping & larger-scale tectonic interpretation.

Qualifications & Skills

- **Wilderness & Remote First Aid & CPR/AED Level C**
- Geologic Field Mapping – Including taking structural measurements and oriented rock samples
- Traversing rough terrain and camping outdoors
- Work very well with my hands & enjoy physical labor
- Rock and Mineral identification with hand samples & microscopy
- Particularly good at visualization of concepts & problems in 2D & 3D
- Good written and verbal communication skills & work well with others
- Familiar with ArcGIS Software for mapping data & Novice Programmer with C++/Java

Interests

- I have a particular interest in Structural Geology and one of the best avenues I have had to explore that interest during my education was through learning about economic Mineral Deposits.
- Outdoor Recreation, Including: Dirt Biking, Hiking, Camping, Boating, Archery, Cycling, Fishing
- Team-Oriented Sports & Games: I enjoy working with a team to achieve a common goal as I find it adds a level of difficulty and satisfaction.
- Mechanisms & Puzzles: I enjoy figuring out how machines work and I enjoy doing a variety of puzzles in my spare time.

References

- Available upon request