name

Address:
Phone:
Email:

Third-year hydrogeology student at the University of

SUMMARY OF QUALIFACTIONS

- Highly adaptable to various working conditions and excellent practical ability developed through field and lab projects
- Self-motivated independent problem solver developed through individual wetland evaluation project
- Refined organization, communication and teamwork skills by volunteering at gem and mineral show in 2017 and 2018
- Cultivated strong attention to detail by managing ArcGIS data and geophysical data processing
- Solid computer skills and especially proficient in Microsoft Office
- Abundant camping and outdoor experience with excellent cooking skills
- Physically fit for tough tasks

RELEVANT PROJECTS

Laurel Creek Wetland Evaluation — *University of xxxxxxxx* **Nov 2018 - Dec 2018**

- Dominantly used ArcGIS data characterizing geological and anthropogenic components
- Improved technical writing skills through 20+ page individual report
- Interpreted vegetation types and geomorphology based on air photos

Field Methods in Hydrogeology — *University of xxxxxxxx* **May 2018 - Aug 2018**

- Collected and analyzed borehole geophysical logging results and drill core soil composition
- Constructed hand-drawn groundwater flow map and aquifer cross-section map by mainly using piezometer data

Bancroft Field Project — *University of xxxxxxxx* **Oct 2017**

- Examined and sampled the dominant minerals at different outcrops with minimal supervision
- Navigated using GPS and compass to illustrate stratigraphic and structural features on hand-drawn geological map
- Constructed the cross-section map of the sediment environment and depositional sequence at outcrop sites.

RELEVANT SKILLS

Geochemical Analysis
- Sampling and analyzing major ions in groundwater by using spectrophotometer
- Thermodynamics equations programming in Python

Field Mapping
- Field geological map making with structural, lithological and stratigraphic features
- Correlate regional geology setting and geological history with mapping

Groundwater Analysis
- Hydrogeological data collection and interpretating
- Groundwater flow system evaluation and aquifer testing
- Groundwater flow and contaminant transport modeling using TecPlot 360

Geotechnical Engineering
- Soil properties and behavior testing in terms of permeability, compaction, consolidation and shear strength

Geophysical Analysis & Data Collection
- Geophysical pseudosection map making
- Familiared with seismic, electric, gravity, electromagnetic and ground penetrating radar investigating methods

Mineral & Rock Analysis
- Identification of minerals in thin-section using HD microscope
- Sedimentology interpretation based on sedimentary rock samples

GIS applications
- ArcGIS map making and digitizing (e.g. landslide hazard assessment)
- Spatial data management

VOLUNTEER EXPERIENCE

Gem and Mineral Show Volunteer — *University of xxxxxxxx* **Oct 2017 and Oct 2018**

- Greatly improved organization and teamwork skills by collaborating with co-workers from setup to on-site support
- Developed strong communication and interpersonal skills through guiding guests at the Ux Earth Sciences Museum and demonstrating rock and mineral sample collection in a creative way to guests

SOFTWARES

- ArcGIS
- Python
- Phreeqc
- TecPlot 360
- Hydrus-1D
- Microsoft Office
- Java

CERTIFICATIONS

- Class G driver's license
- Workplace Hazardous Materials Information System (WHMIS)
- Emergency First Aid With CPR-A

EDUCATION

University of xxxxxxxx

Sep 2016 – May 2020

- Bachelor of Science, xxxxxxxxx

SCHOLARSHIP

xxxxxxx Scholarship - *University of xxxx*

$2,000