

# Anne Elizabeth Morrison

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## ***Summary***

Recent graduate (summer 2016), Bachelor of Science geology major and official Geologist-in-Training seeking entry-level position in a geology-related field. Hard-working, diligent, with good attention to detail and excellent writing and communication skills. I also have a real enthusiasm for new learning.

## ***Geophysical, Field, and Other Skills***

### **Applied Geophysics:**

- Worked with geophysical exploration techniques and analysis applied to geological problems. Used theory, field application, and data analysis of gravity, magnetics, refraction and earthquake seismology, electrical resistivity and others, including use of total station for basic surveying.
- Projects entailed working with a team to collect and interpret data in order to determine depth-to-bedrock, buried and subsurface features, groundwater estimates and earthquake potential and grounds response.
- Authored numerous reports that included clear, concise written instructions on how to operate various devices used while surveying, how collected data were analyzed and interpreted, and reasonable justifications for conclusions drawn from such data.

### **Mapping and Field Work:**

- Experience in reading and interpreting topographic maps, air and stereo photos and LiDAR images in order to determine geomorphic and geologic features and occurrences, potential unit characteristics and features, and to identify areas of uncertainty that would be the most beneficial to visit in the field.
- Able to use compass to take strike and dip, triangulate location, hill slope measurements, and elevation, as well as use of GPS tools where appropriate.
- Successfully completed a rigorous six-week geologic field mapping course. Projects consisted of creating geologic maps of units and structures in specified areas by taking measurements of strike and dip, hill slopes, and exact locations and records of rock unit type and mineralogy, features, and characteristics in the field. The collected data were used to write a report on the makeup and characteristics of units, structures, and a proposed geologic history of the map area.

### **Related Pertinent Coursework:**

- Environmental science, including application of physical, chemical, biological and geologic principles to define environmental change.
- Biology, including biodiversity analysis, basic molecular biology, and ecology.
- Geomorphology, including erosional and depositional patterns in fluvial and marine environments, mass wasting, and glacial geology.

### **Other Skills:**

- Proficiency with ArcGIS version 10 and Microsoft Office programs. Extensive experience with Excel.
- General troubleshooting and problem-solving abilities.
- Passed ASBOG Fundamentals of Geology test.
- Excellent writing and communication skills developed through a lifelong love of reading and writing.

## ***Education***

Bachelor of Science, **Geology** and minor, **Anthropology**. Western Washington University, August 2016.

## ***Work Experience***

Pet boarding employee at PetSmart, Inc., Issaquah, WA, June-August 2015.

## ***Other***

Dual American and Canadian citizenship.