

QUALIFICATIONS

- Field experience as a geologist/environmental scientist in the Rocky Mountains, Arctic Alaska, and the Philadelphia area
- 3+ years laboratory experience in the geological and environmental sciences
- Experience as an intern in the environmental consulting industry, with a focus on environmental site assessments
- Effective research grant proposal writer (awarded \$4,000 as an undergraduate student, \$8,900 as a graduate student)
- Successfully presented original research at Geological Society of America and American Geophysical Union national meetings
- Excellent writing, presentation, and communication skills

EMPLOYMENT HISTORY

- Caddie, Independent Contractor with CaddieMaster, LLC at Trinity Forest Golf Club** - Dallas, TX 08/16-Present
- Provide certified professional caddie services to Trinity Forest Golf Club members and guests.
- Graduate Research and Teaching Assistant in Geology, Northern Arizona University** - Flagstaff, AZ 08/14 – 05/16
- Performed data analysis and developed new paleomagnetic records for lake sediment cores from Arctic Alaska.
 - Tested new methods for the laboratory identification of tephra layers in sediment cores, and trained undergraduate students in these procedures.
 - Taught three sections of Geologic Disasters Lab and two sections of Historical Geology Lab.
 - Gave weekly lectures at the beginning of classes and assisted students during lab exercises.
 - Organized lab materials, wrote and administered Historical Geology Lab exams, and lead multiple class field trips.
- Undergraduate Laboratory Teaching Assistant, State University of New York at Geneseo** - Geneseo, NY 01/14 – 05/14
- Taught one section of Glacial Geology Lab.
 - Assisted students during weekly lab activities and graded assignments.
- Supplemental Instruction Leader, State University of New York at Geneseo** - Geneseo, NY 01/14 – 05/14
- Held biweekly review sessions for Our Geologic Environment, a class of over 200 undergraduate students.
 - Spent additional time with students during exam preparation, and held weekly office hours to assist students outside of class.
- Environmental Scientist Intern, Stell Environmental Enterprises, Inc.** - Elverson, PA 05/13 – 08/13
- Performed Phase I Environmental Site Assessment (ESA) visits and Environmental Due Diligence investigations.
 - Prepared Phase I and Phase II ESA reports and proposals for Pennsylvania Department of Transportation (PennDOT) projects.
 - Assessed the possibility of the presence of underground storage tanks at potential PennDOT construction sites.
 - Assisted in field sampling and archeological surveys.
 - Performed all tasks under the supervision of a senior environmental scientist.
- Glacial Geology Research Assistant, State University of New York at Geneseo** - Geneseo, NY 10/11 – 12/13
- Processed glacial moraine boulder samples for cosmogenic surface-exposure dating.
 - Analyzed and interpreted surface-exposure ages within the scope of the chronology of the Last Glacial Maximum in the Rocky Mountains.
 - Required meeting of lab processing deadlines, careful handling of chemicals, and training of new student employees.

EDUCATION

- Northern Arizona University** - Flagstaff, AZ 08/14 – 05/16
- M.S., Geology – GPA: 4.0/4.0
- Thesis: Late Quaternary paleomagnetism and environmental magnetism at Cascade and Shainin Lakes, Brooks Range, Arctic Alaska
- State University of New York at Geneseo** - Geneseo, NY 08/10 – 05/14
- B.A., Geology – GPA: 3.64/4.0
- Minor: Mathematics
- Honors Thesis: Water balance modeling and paleoclimate investigation of Pleistocene pluvial Lake Clover, Nevada, U.S.A.

ADDITIONAL SKILLS

- Graduate of Wasatch-Uinta Field Camp (2014), a six-week geologic mapping field course
- Proficient in MS Office programs, R statistical computing software, and Adobe Acrobat
- Limited experience using MATLAB and ArcGIS