

GEOTECHNICAL ENGINEERING INTERNSHIP

POSITION SUMMARY

Pilch Engineering, a dynamic and expanding firm specializing in geotechnical, energy, and regulatory engineering, is seeking a motivated **Geotechnical Engineering Intern** to support our growing geotechnical practice during the summer season. This internship offers meaningful, hands-on experience in both field and laboratory settings – ideal for students interested in soil mechanics, foundations, construction, and real-world engineering applications. **The position may be based in our Missoula, MT; Sheridan, WY; or Casper, WY office**, depending on candidate preference and project needs.

Interns at Pilch are treated as true contributors. You'll work closely with our engineers and technicians to support geotechnical investigations, laboratory testing, and project documentation. You'll gain practical skills, exposure to diverse project types, and insight into consulting workflows.

WHAT YOU'LL DO

Field Experience

- Assist with geotechnical investigations, including logging soil borings and test pits, collecting samples, and observing subgrade and foundation conditions
- Provide support during site work
- Communicate observations clearly and follow all safety protocols
- **Travel within our service region** will be required for field assignments

Laboratory Experience

- Perform basic geotechnical laboratory tests under supervision (moisture content, Atterberg limits, grain size, Proctor, etc.)
- Prepare and organize soil samples
- Record and verify test data
- Maintain a clean, safe, and organized laboratory environment

Office & Project Support

- Enter field and lab data into project templates
- Assist with drafting boring logs and basic report components
- Help organize project files, photos, and sample inventories
- Support engineers with miscellaneous project tasks

QUALIFICATIONS

- Currently pursuing a degree in civil engineering, geological engineering, geology, or a related field
- Strong interest in geotechnical engineering and field/lab work
- Willingness to work outdoors in varying weather conditions
- Strong attention to detail and ability to follow technical procedures
- Strong communication skills and a willingness to ask questions
- Ability to lift 50+ lbs
- Valid driver's license

Preferred

- Prior exposure to soils or materials testing
- Experience with construction, field work, or outdoor labor
- Familiarity with basic geotechnical concepts (soil classification, compaction, etc.)
- Proficiency with Excel and basic data entry

WHY INTERN AT PILCH ENGINEERING

- Hands-on experience with real projects and real responsibilities
- Exposure to both field and laboratory geotechnical work
- Mentorship from experienced engineers and technicians
- Opportunity to explore career paths in geotechnical consulting
- A collaborative, supportive environment where interns are part of the team
- Strong potential for future employment opportunities

ABOUT PILCH ENGINEERING

Pilch Engineering began in 1968 as a small Sheridan, Wyoming-based practice and has since grown into a multi-disciplinary, multi-state engineering firm with offices across Wyoming, Montana, and Idaho. Our team provides integrated expertise in geotechnical, energy, and regulatory engineering, supporting public and private clients across the Mountain West and beyond. We prioritize a supportive, growth-oriented environment where early-career professionals gain hands-on experience and meaningful responsibility.

HOW TO APPLY

Interested candidates should submit their resume and brief cover letter to careers@pilchengineeringllc.com. For questions, please call us at 307.672.8750. Learn more at www.pilchengineeringllc.com.