

Pilch Engineering, a dynamic and expanding firm specializing in geotechnical, structural and regulatory engineering is seeking an Entry-Level Geotechnical Engineer to join our team in either our Casper or Sheridan, Wyoming office. We serve a diverse clientele across Wyoming, Montana and the Inland Northwest. In this role, you will support our geotechnical group on a variety of public and private sector projects. The successful candidate will gain experience in multiple geotechnical fields, including: foundation design, geohazard mitigation, hydraulic and environmental structures, transportation design, commercial and residential structures, and construction phase assistance and management. Additionally, due to Pilch Engineering's multidisciplinary team, there may be opportunities to engage in structural design and regulatory permitting, depending on your interests.

## POSITION SUMMARY

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- Work directly with senior engineers and project managers to plan and execute geotechnical and structural engineering projects for a diverse range of clients and industries.
- Engage in all aspects of geotechnical engineering, including project scoping, preparing engineering drawings, project specifications, and reports, drafting site plans; performing site visits, and coordinating with clients, contractors, administrative agencies, and other stakeholders.
- Develop project management and communication skills from initial bid packages and presentations to managing budgets, schedules, materials, and engineering specifications through project completion.
- Conduct and oversee subsurface explorations, instrumentation installation, and site monitoring. This position requires occasional overnight or extended travel (approximately week-long) for project-related work throughout our service region.
- Participate in a wide range of geotechnical engineering analyses and design, including geohazard analyses, seismic evaluations, shallow and deep foundation design, ground improvement design, excavation and shoring evaluations, and many other challenging technical evaluations.
- Provide construction phase assistance and management to ensure successful project completion.

## QUALIFICATIONS

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- B.S. degree in civil or geological engineering, or related discipline, from an ABET accredited program.
- 0 to 4 years of geotechnical engineering or related experience.
- Engineer-in-Training (EIT) Certification or ability to obtain within 6 months of hire.
- Proficient in Microsoft Office, particularly Word and Excel.
- Demonstrate clear and professional written and verbal communication skills.
- Ability to successfully work within a team environment (internally & externally) and adapt to changing conditions or project requirements.
- Ability to work outdoors in all weather conditions in rugged and sometimes remote field locations.
- Valid driver's license and ability to operate vehicles in various weather conditions.

## OPTIONAL QUALIFICATIONS

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- Previous engineering experience with increasing levels of responsibility.
- Experience in performing subsurface field explorations and installing or monitoring geotechnical instrumentation, including various drilling methods, test pit excavations, geophysics, and instruments such as inclinometers or piezometers.
- Experience with and/or education in the application of geotechnical analysis software for field data reduction, slope stability, foundation design, seismic analysis, etc.
- Experience overseeing geotechnical components of projects in construction.
- Experience with AutoCAD or ArcView/ArcGIS is a plus.

## ABOUT

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Pilch Engineering, established in 1968, is a Wyoming-based consulting firm dedicated to providing a balanced quality of life and a supportive work environment. We offer competitive salaries and comprehensive benefits packages, including health and welfare, a retirement plan with company match, paid time off, and holidays. Interested candidates should submit their resume and cover letter to [awarren@pilchengineeringllc.com](mailto:awarren@pilchengineeringllc.com). For further inquiries about this position, please call us at 307.672.8750. To learn more about Pilch Engineering, please visit [www.pilchengineeringllc.com](http://www.pilchengineeringllc.com).