

## Career Opportunity: Geotechnical Engineer

[www.GMUgeo.com](http://www.GMUgeo.com)



### Company Overview

GMU Geotechnical, Inc. (GMU) has built a reputation spanning more than 50 years on some of the most challenging and recognizable projects throughout Southern California. GMU is based in a brand-new office in Rancho Santa Margarita, Orange County, CA. GMU provides a full range of Engineering and Geology services not typically offered under one roof, including Geotechnical, Pavement, Structural, and Civil Engineering. Numerous other services include Construction Management for Geotechnical and Pavement Projects, Geotechnical Instrumentation, Laboratory Testing, and Forensic services. Our diversified range of disciplines and unique expertise offers team members engaging and rewarding careers. Please visit our website for more information: [www.gmugeo.com](http://www.gmugeo.com)

### Major Responsibilities for Geotechnical Engineer

GMU is seeking a Geotechnical Engineer to join our growing team of Engineers and Geologists. Types of projects range from high-profile public works infrastructure projects to private developer and residential projects. The Geotechnical Engineer will assist and lead a full range of tasks spanning from geotechnical investigations to project design and construction, including the following:

- Develop field investigations, sampling programs, and lab testing programs.
- Evaluate geotechnical laboratory data along with engineering geologic conditions.
- Develop geotechnical models for analysis.
- Independently perform a wide variety of geotechnical engineering analyses.
- Prepare Geotechnical and Foundation Design reports.
- Manage projects independently and with supporting staff, including proposals, cost estimates, schedules, and deliverables.
- Actively expand technical expertise to integrate into GMU's diverse team of Engineers and Geologists; this includes gaining experience in related engineering fields – civil, structural, and pavement.

### Minimum Requirements

- Bachelor of Science in Civil Engineering (with Geotechnical Engineering coursework)
- Licensed CA Professional Engineer
- Minimum 5 years of relevant, full-time experience in geotechnical engineering
- Experience with geotechnical engineering tasks, including:
  - Geotechnical investigations, including all types of field exploration and drilling.
  - Strong working knowledge of soil mechanics and practical application to engineering projects.
  - Experience with evaluating:
    - Hillside slope stability
    - Settlement
    - Liquefaction and related hazards (i.e., seismic settlement and lateral spreading)
    - Deep and shallow foundations
    - Geotechnical parameters for standard civil structures (i.e., retaining walls, shoring, etc.)
  - Development of practical and project-specific recommendations based on geotechnical engineering analyses.
  - Prepare geotechnical reports independently and as part of a geotechnical engineering team.
- Ability to write basic spreadsheet programs.
- Experience with preparing proposals, managing budgets, and interfacing with clients.
- Strong written, communication, and interpersonal skills, with commitment to excellent client relations.
- Self-motivated and comfortable working autonomously and in a team-based environment.
- Attention to detail, efficient time management, collaborate and support other team members, including mentoring staff.
- Vehicle to perform field work on geotechnical projects.

### Preferred Qualifications for More Experienced Candidates

- Licensed CA Geotechnical Engineer
- Master of Science in Civil Engineering (Geotechnical Emphasis)
- Experience as a geotechnical lab or field soils technician
- Understanding of Engineering Geology
- Project Management experience with service to public agencies and private clients
- Proficiency with various types of geotechnical engineering software

**Compensation and Benefits Package:** The base salary range offered for this position is \$90,000 to \$130,000 depending on experience and qualifications, plus 401(k) contribution matching, 401(k) profit sharing, bonus profit sharing, HSA contributions, and paid holidays. Benefits package also includes medical, dental, vision, and life insurance.

**How to Apply**

If you meet the requirements and qualifications noted above, we encourage you to submit your resume on GMU's website, [www.gmugeo.com/careers](http://www.gmugeo.com/careers), or via email to [info@gmugeo.com](mailto:info@gmugeo.com).