



SGE Consulting Structural Engineers

seeks candidates for the position of

Structural Project Engineer

Passionate about structural engineering? Interested in working on a design from start to finish, and then seeing it built? Looking for challenging projects, professional development, and a clear career path? Want to make major contributions in a team of experienced engineers and get recognized for it?

Then apply for the Structural Project Engineer position at SGE Consulting Structural Engineers! We are looking for dedicated, hard-working people to join our growing firm!

We provide complete professional training so that candidates need only their education and willingness to learn in order to become an integral contributing member of our tight-knit engineering team, working on small to multi-million dollar projects.

Our focus on engineering quality for our projects and clients starts with our engineering team, whose hard work is both rewarding and rewarded. We are proud to offer a dynamic, fun, friendly, and productive work environment, with competitive salaries, bonuses, and healthcare benefits. S. Gordin Structural Design & Engineering Services, Inc. (SGE) is an equal opportunity employer.

Responsibilities

- Gather, research, and organize project design criteria and parameters
- Design foundations & anchorage using custom in-house structural analysis software
- Develop finite element analysis models
- Work with IBC, ASCE 7, ACI, & other codes
- Develop and draft details based on structural analysis and design results
- Develop structural reports and memos
- Prepare engineering calculations
- Prepare submittal packages
- Collaborate on projects with in-house engineers, project managers, and clients
- Participate in structural engineering & site plan development for projects from planning to completion

Qualifications

- Bachelor's degree in Structural Engineering or Civil Engineering (with structural design classes)
- Ability to draw free-body diagrams and identify load paths for simple structures (such as a simply supported beam)
- Ability and willingness to learn quickly
- Effective organization, task, and time management skills
- Effective teamwork skills
- Effective communication skills (verbal and written)
- Attention to detail
- Basic familiarity with AutoCAD (2D) drafting

Pluses:

- EIT/FE Certificate
- Prior design-related experience (design projects and/or work)
- Proficiency with AutoCAD (2D) drafting
- Familiarity with structural engineering/analysis software
- Familiarity with building codes (ASCE 7, IBC, ACI, AISC, NDS)
- Familiarity with seismic and wind load analysis
- Ability to draw free-body diagram and identify load path for more complicated structures such as frames

Email your resume today to
careers@sgeconsulting.com