

Entry Level Site/Structural/Civil Engineer

Job highlights

Qualifications:

- B.S. in Civil Engineering required
- 0 - 2 years' experience
- Passionate about Site & Structural engineering and problem solving
- A strong technical education, professional demeanor, and desire to learn is essential to this position
- Excellent written, oral and verbal communication skills required
- Strong attention to detail with excellent analytical and judgment capabilities required
- Ability to effectively work independently and in a team environment required
- Demonstrated ability to meet deadlines
- Enthusiasm and passion - consistently maintains high levels of activity and productivity
- Communication - conveys information to internal and external clients clearly with excellent writing or oral skills
- Problem-solving capability to solve minor or complex problems using data, logic, judgement and problem-solving tools
- Accountability and responsibility - self-starter with willingness to interact as a team player and take independent initiative to ensure tasks are completed
- Teamwork work with others toward a shared goal, participating actively, sharing responsibility and rewards and contributing to the capability of the team
- Teachable passionate and willingness for continued learning of new ideas and concepts
- Willingness and ability to travel to project sites as needed
- Ability to lift and carry materials and equipment up to 50 lbs
- Ability to perform work in the temperature extremes presented by work in the outdoors
- Ability to read construction drawings, diagrams, printed materials, and computer screens
- Ability to record data clearly and write passages for reports, letters, etc
- Ability to safely work at heights
- Ability to safely use and/or operate ladders, scaffolds, lifts, and other access equipment
- Ability to understand and appreciate safety training specific to numerous workplace and construction hazards
- Ability to safely work in a variety of occupationally hazardous locations
- Must have a valid drivers license and an acceptable Motor Vehicle Report
- OPT/Work permit in USA is required at minimum.
- Proficiency with Revit, including a working knowledge of the roles and responsibilities relevant to a BIM-enabled project is a plus
- Familiarity with structural design and detailing (steel, concrete, prestressed concrete), and seismic analysis is a plus
- Experience with site/civil design for residential land development projects is a plus
- Experience with AutoCAD, Civil 3D, and other civil engineering tools is a plus.
- EIT is a plus

Responsibilities:

- Perform Site/civil land development design including site layout design, grading design, roadway management systems design, erosion and sediment control design, hydrologic-hydraulic analysis: tree conservation
- Preparation of all associated calculations, reports and spreadsheets
- Conduct site assessments & feasibility studies for residential & commercial projects
- Conduct field surveys including topography survey and construction stakeouts
- Prepare construction stakeout drawings, as-built drawings, BMP certifications
- Working on design teams in all aspects of a given project to develop detailed site design documents construction plans
- Conduct code research, write specifications, and obtain permitting
- Coordinate with end clients, architects, contractors, builders, local & state authorities
- Perform structural design calculations (beam design, reinforced concrete and steel structures design and analysis), sketches, computer modeling, and similar technical work as required
- Assist with field inspections and condition assessments of transportation structures and facilities
- Research structural design options and codes and discuss with the project manager
- Works on small projects or portions of larger projects
- Prepares structural drawings and progresses to the preparation of portions of project documents and editing specifications
- Conduct structural analysis and perform calculations to ensure structures meet safety and building code regulations
- Collaborate with multidisciplinary teams to ensure effective coordination of engineering activities and project execution
- Prepare technical specifications, cost estimates, and project schedules
- Assist in the review and approval of construction drawings and documents
- Conduct site inspections to ensure compliance with design plans and specifications
- Participate in the development of engineering standards and processes to improve project quality and efficiency

About Global Engineering:

Global Engineering is currently seeking an Entry Level Site / Civil / Structural Engineer to join our Site/Civil & Structural department in our Fairfax, VA office to work on a variety of projects for clients within the residential and commercial sector. This is an excellent career opportunity for an enthusiastic and talented individual to join a team of outstanding professionals, and the opportunity to apply the latest technology to help our clients solve their most challenging problems. Typical projects involve site/civil & structural design for residential and commercial site development projects. Global Engineering LLC provides Site Engineering, Structural Engineering, Surveying, Planning, Architectural, Environmental and Sustainable Design services in DC, Maryland, and Virginia. What sets us apart from our competitors are our people. At Global Engineering, we seek out exceptional talent and strive to deliver the highest quality of services to our clients. Whether you're an experienced professional or a new graduate, you'll have the chance to collaborate with the best and brightest and work on innovative and complex projects at the forefront of the industry. Our commitment to excellence stems from our personal integrity and our core values: Client Focus, Collaboration, Respect and Innovation.

Careers:

At Global Engineering we are passionate about our work and the communities we serve. Every project starts with a team of creative, highly skilled people who are eager to learn and committed to solving our client's challenges. Together, we design solutions that make a positive impact on the cities and towns where we live and work every day.

Global Engineering considers employees to be some of our most valuable resources. Satisfied and engaged employees make Global Engineering a great place to work while ensuring continued business growth and happy clients.

Global Engineering is committed to creating a culture that provides guidance and support while encouraging innovation and offering freedom to experiment and try new ideas and approaches. We value your individuality. Senior staffs take time to work with each employee on his or her career growth, developing their skills and cultivating their strengths to empower employees to achieve their potential.

We offer an excellent benefits package that includes immediate accrued paid time off, flexible work hours, 401(k) plan, tuition assistance, opportunities for professional development and more.

Global Engineering sponsors H1B visas and Green Cards to its committed employees.

Interested applicants send your resume to info@globalengineers.us.