



STRUCTURAL DESIGN ENGINEER (ENTRY LEVEL)

ABOUT US:

Structural Design Group, Inc. (SDG) is a consulting structural engineering firm located in Birmingham, Alabama, serving architects, contractors, and property owners across the United States. Our clients bring us their ideas (church sanctuaries, school campuses, mixed-use developments, office buildings, etc.), and we design the structures that make them stand. Recognized as one of the leading structural engineering firms in the southeast, SDG designs cost-effective, practical structures for healthcare, educational, hospitality, commercial, institutional, and industrial facilities. Founded in 1996, the firm is built on a commitment to excellence in structural engineering and professional services. Applicants can expect to join a team known for creative, responsive solutions, and strong collaboration among experienced engineers. As a member of our team, you will participate closely with senior engineers and/or the principal in charge to provide a better outcome for our clients. Our team currently consists of 11 engineers, 2 drafters, and an office support staff member. We bring nearly 200 years of combined structural engineering experience to our projects. While maintaining a serious commitment to our craft, we strongly support a healthy work/life balance and offer a comfortable working environment.

ROLE DESCRIPTION:

- Perform structural analysis and design for commercial buildings consisting of varying / various materials – steel, concrete, masonry, and wood.
- Model your design work using structural analysis software and/or BIM tools and see projects develop from initial concepts to completed construction documents.
- Collaborate directly with our experienced engineers and receive dedicated mentorship.
- Perform occasional structural assessments and/or field observations to gather information for analysis, verify designs, and/or observe construction progress on site.
- Build hands-on experience toward licensure while working to SDG's quality standards.

QUALIFICATIONS:

- Bachelor's degree in civil engineering with structural emphasis (Required)
- Master's degree with structural emphasis (Preferred)
- Knowledge of / experience with structural analysis software (RAM, RISA, Enercalc, or similar)
- Knowledge of / experience with AutoCAD and Revit (Preferred)
- Strong organizational and communication skills
- Exemplary personal integrity with commitment to quality and values-driven decision making

WHAT WE OFFER:

- Excellent Benefits
- Competitive Salary

Position based in Birmingham, AL; however, position based in Nashville, TN, may be available for the right candidate.

Please email cover letter and resume to careers@sdg-us.com.