



## STRUCTURAL ENGINEER

### JOB DESCRIPTION

#### BACKGROUND

ARCCA's Structural Engineer works with clients in the insurance and legal industries to investigate and analyze a variety of construction deficiencies, building design issues and structural evaluations. Projects involve investigations of issues within both residential and commercial buildings ranging from foundation and landscaping wall design to code compliance and history.

#### ROLES & RESPONSIBILITIES

- Conduct investigations to gather and analyze structural failures such as movement of a structure, deflections, cracking, complete failure, water intrusion, ventilation and structural adequacy of a building.
- Complete residential structural inspections, design work, site improvement and grading plans.
- Responsible for commercial and industrial projects ranging from light to heavy.
- Prepare and deliver technical/educational presentations to existing and potential client groups and technical conferences.
- Enhance professional/technical knowledge and credibility through continuing education programs, review of technical publications, and the preparation of technical papers.
- Prepare technical reports.
- Provide expert testimony as required.

#### REQUIREMENTS

- Masters in Structural Engineering or related field; Bachelors considered.
- PE licensure in one or more states, preferred.
- The expert candidate will possess the willingness to work in the litigation setting and will be given the opportunity to evaluate cases and claims, design and build test fixtures and to evaluate and test hardware.
- Prior testifying experience is preferred but not required; however, the expert candidate must possess solid written and verbal communication skills.
- A background in safety equipment is helpful with knowledge in any of the following areas including but not limited to machine guarding, operation of equipment, consumer products, workplace safety, ladders, scaffolding, machinery, construction equipment and general safety issues.

#### HOW TO APPLY

Please submit your resume and cover letter to Christie Voelker, Human Resources Director, at [jobs@arcca.com](mailto:jobs@arcca.com).

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