

SENIOR STRUCTURAL ENGINEER

AQUATIC DEVELOPMENT GROUP

Aquatic Development Group (ADG) is a recognized leader in the planning, design, and construction of indoor and outdoor waterparks and aquatic features as well as the manufacture of specialty leisure and entertainment equipment.

POSITION OVERVIEW:

This Senior Structural Engineering position plays a key role in the design and construction of themed indoor and outdoor waterparks, mountain slides and coasters; for resort and amusement environments. ADG is a high energy work environment with fast paced deadlines. Applicant must be a proactive problem solver with attention to detail, able to maneuver multiple projects at once and enjoy playful innovative design.

Responsibilities:

- Perform structural analysis and foundation design for concrete, steel and wood structures.
- Provide review of construction design plans
- Provide design support and review of equipment fabrication drawings
- Supervise engineers and provide mentorship in structural engineering discipline
- Works with a team to develop design plans for construction projects
- Works with a team to develop fabrication documents for equipment manufacturing
- Coordinates structural design and documents with other design disciplines and contractors
- Performs and implements QA/QC procedures including reviewing documents for constructability and completeness
- Understands scopes of work, schedules, budgets, project instructions and responsibilities
- Review shop drawings and submittals

Education & Licensure:

- Bachelor's degree in Structural Engineering or Civil Engineering with a focus in Structural Engineering required.
- PE is preferred but not required.

Skills:

- 10 years minimum of structural engineering experience required.
- Proficient with structural engineering calculations, structural analysis, design standards, code review, design documents and edits construction specifications
- Excellent verbal and written communication skills required.
- Ability to work in a fast-paced environment required.
- Ability to work in a team environment required.
- Proficient with structural FEA software such as RISA3D or ability to learn
- Proficient with wind and seismic analysis and design
- Proficient with Concrete, Masonry and Steel design
- Wood design experience is a plus
- Proficient with Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)
- Valid U.S. driver's license is required.
- Must be willing to travel to client site at times
- Experience with AutoCad preferred.

Must be legally eligible to work in the United States of America. ADG offers a competitive benefit package including 401k, medical and dental insurance. Salary commensurate with experience.

Please submit your resume and cover letter to jobs@aquaticgroup.com, and include salary requirements in response to Job SSD8919.