

Structural Engineer

Eriksson Software is seeking a structural engineer with precast/prestressed concrete design experience to join our team. We are a Tampa-based structural engineering software development company with a specialization in plant-cast precast/prestressed concrete design and detailing. We develop, license, and support application software for the commercial, highway bridge, buried, and industrial structures markets. In recent years, we have greatly expanded our support of BIM-based workflows.

At Eriksson Software, we are a passionate team of engineers and innovators dedicated to building the tools and systems that move precast/prestressed concrete design and fabrication forward. Our culture is rooted in collaboration, continuous learning, and a deep commitment to the people who make our work possible. We believe that great software starts with great engineers, and we invest in ours. You will work alongside experienced developers and senior engineers in an environment where your ideas are heard and your growth is supported. If this resonates with you, we'd really like to hear from you.

Responsibilities

- Perform structural analysis and design calculations for precast and prestressed concrete members, connections, and systems
- Research and track changes in concrete design codes (AASHTO LRFD, ACI 318/319) and assess their impact on software functionality
- Review and interpret contract documents, design standards, and technical specifications relevant to precast concrete design
- Attend and participate in applicable industry committee meetings through PCI, AASHTO, and related organizations, with a path toward active committee membership and/or support.
- Manage and participate in our QA/QC activities

Qualifications

Required:

- Bachelor's degree in civil engineering with a structural emphasis
- Working familiarity with AASHTO LRFD, ACI 318, or ACI 319
- Proficiency in at least one FEM analysis platform

Preferred:

- 1–10 years of engineering design experience
- Coursework or hands-on experience in prestressed concrete design
- Familiarity with PCI, IBC, or ASCE 7 standards

Personal Traits:

- High reasoning ability- you can solve complex problems
- Drive – you are ambitious in everything you do
- Integrity – you have strong moral principles, honesty and strive to do the right thing

Compensation & Benefits

- Highly competitive salary package
- 100% employer-paid medical, vision, and life insurance
- 401(k) with 5% company match
- 3 weeks PTO to start
- Paid holidays

This position can be part-time or full-time. It can also be remote or on-site in our Tampa, FL or Denver, CO offices.

To apply, please submit your resume along with a cover letter explaining why you believe you are a good fit for this position to: ESEmployment@LRFD.com