

Structural Engineering/Programming Intern

Location: Tampa, FL

Posted: April 15, 2019

Description: We have a current need for an intern engineer to work in our structural engineering software development group. This is a great opportunity for an aspiring engineer/programmer who is passionate about structural engineering and has a high interest in programming and the automation of structural engineering. You would work closely with our engineer/programmers assisting them with real-world engineering, programming and testing tasks. Our cutting-edge software is widely used within the precast/prestressed concrete industry. Our R&D efforts are leading the way in integrating BIM with engineering design software. This position could potentially develop into a full-time regular position upon graduation.

Required Education: Must be currently enrolled in a civil engineering program with an emphasis on structural engineering or have an intent to do so. Currently enrollment in or having taken CES 3102 Structures I (or equivalent) is a plus.

Schedule: A minimum of 20 hours per week. Flexible schedule.

Need: Immediate

Duties/Skills:

- Coordinate technical support incidents
- Run current QC Doc problem sets for each program as required
- Build FAQ database based on prior tech support requests for publication on ES website
- Test software installation packages
- Revise existing engineering design examples created in Mathcad
- Create new engineering design examples in Mathcad
- Begin programming training
- Perform software unit testing
- Test structural engineering analysis and design software on prior and new structural design projects
- BIM modeling
- Interface with design engineers at Eriksson Technologies, Inc.
- Other tasks as required

What You Will Potentially Get Out of It:

- Challenging work
- Application of your knowledge and skills to real world engineering
- Mentoring under top notch engineers and programmers
- Exposure to state-of-the-art programming methods
- Training in engineering and BIM software

Please forward a cover letter and your resume to employment@erikssonsoftware.com