

STRUCTURAL EIT (ENGINEER-IN-TRAINING)

Company Profile: ERA (Ericksen Roed & Associates) provides full service structural engineering for a broad range of facility types. We pride ourselves on being a team of knowledgeable professionals, working toward the common goal of providing our clients affordable structures that stand the test of time. As a highly relationship-oriented firm, we advocate for owner and client needs, always looking out for their best interest. Our highest priority is to meet scheduled delivery dates, provide quality documents and offer innovative design. ERA staff thrives on quickly and efficiently finding the best solutions for each of our client's unique needs.

Job Opportunity: ERA, a leader in the Twin Cities structural engineering profession, seeks a structural engineer-in-training (EIT) to assist Licensed Professional Engineers on various building projects. As an EIT you will use your engineering background to create structural designs and construction documents within a team setting.

Duties & Responsibilities:

- Perform structural analysis of buildings and other structures
- Create analysis models for structural elements and systems
- Design of structural systems using; concrete, steel and other materials following appropriate building codes
- Working with construction partners to review shop drawings and respond to field questions
- Instruct draft/modeler technician on design drawings, data entry and report preparation
- Assist in the completion of site inspections and assessment reports
- Informs Project Managers of workload, changes to project scope and any additional services

Qualifications:

- Bachelor's degree in Civil Engineering with structural emphasis, at ABET accredited University, Master's degree preferred
- Passed the FE exam and have, or the ability to obtain, a Minnesota EIT Certificate within 1 year
- Excellent oral, written communication/presentation skills
- 0-3 years' experience, prior structural engineering a plus
- Advanced analytical and critical thinking skills
- Organized with the ability to work cross functionally
- Working knowledge of Microsoft Office applications (Excel, work, outlook, etc.)
- Ability to pay close attention to detail, while working with a team to deliver high quality of work
- Experience with structural analysis software such as RAM, RISA3-D, and SAP2000.

To Apply:

Submit resume and cover letter to careers@eraeng.com.

ERA is a privately held corporation established in 1984 and headquartered in St. Paul, Minnesota. ERA holds the patent for the ER-POST, a precast prestressed concrete truss that supports two levels simultaneously. For over 35 years, ERA has been committed to providing just the right structure, no more – no less. Recognized as a Small Business Enterprise through CERT, registered in all 50 states and an Equal Employment Opportunity and Affirmative Action employer.