

**Position:** ENGINEER IN TRAINING (E-1) Full-time employee or intern to full time position

**Location:** Minneapolis, MN

### Description

- Participate as an ENGINEER IN TRAINING in a variety of large and small whole building and building component projects that range across most market sectors, building occupancies, and material types throughout the U.S.
- Assist MBJ structural engineering design and modeling teams in an exciting, supportive, and fast-paced environment from project conception through design and construction, including site inspections
- Work with outside design team members including architects, contractors, and owners, to coordinate and expedite effective delivery of integrated project delivery (IPD), design/build (D/B) and traditional bid projects
- Routinely meet complex, and often unique, engineering challenges with effective solutions delivered professionally, reliably, and with a strong commitment to client success
- Perform engineering design calculations by hand and using structural 2D and 3D structural analysis software

### Required Qualifications

- Academics: B.S. or M.S. degree in Structural or Civil Engineering with a focus in structural engineering design with steel, concrete, masonry, wood, and lateral load resisting systems
- License: EIT – Ability to be professionally licensed as a professional and/or structural engineer in 4 years or less
- Experience: 1-4 years

### Desired Qualifications

- Fluent in MS Office suite and familiar with analytical software packages such as RAM, RISA, Enercalc and Mathcad
- Familiar with current design and material codes (IBC, ACI, AISC, NDS, etc.)
- Familiar with structural systems and their detailing for typical structural materials including soils, concrete, steel, masonry, and wood
- Ability to work on construction sites and work off-hours when required
- Become licensed as an S.E. in the future

### Desired Qualities

- Passion for structural engineering
- Effective technical and organizational skills
- Self-motivated, strong work ethic, and commitment to a high level of service to co-workers and clients
- Excellent verbal and writing skills
- Strong social skills with a desire to collaborate
- Focused on a professional career of excellence and seeking a long-term commitment to growth of the individual and the firm

### Benefits

- Competitive pay and benefits commensurate with experience and qualifications, including health, dental, disability, flex-benefits, 401k, continuing education, travel pay, etc.
- Flexibility to shape your career path and grow with the firm
- Ability to work with stimulating colleagues on a daily basis in an environment that is creative, challenging, and fun

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