

Junior Structural Engineer

Engineering Link
Toronto, ON

Engineering Link is growing its team.

We are looking for a **Junior Structural Engineer** who is energetic, enjoys working in a fast-paced environment, and has recently graduated University with a Structural Engineering degree. This is a perfect opportunity for an individual looking to start their career with a growing structural engineering and building envelope firm in downtown Toronto.

Engineering Link offers an open, collaborative work environment and is involved in a variety of commercial, institutional, recreational and residential projects across Canada. Engineering Link is focused on offering structural engineering and building envelope services as they relate to the science of the built environment.

In this role, you will complete structural analysis and design on a wide variety of building projects. You will be exposed to the design of steel, masonry, and wood structures on projects with construction values that range from \$75,000 to \$50,000,000.

As part of the Structural department at Engineering Link, you will have the opportunity to experience engineering on many levels. You will work closely with colleagues and senior management on projects throughout all phases.

The ideal candidate has co-op or internship experience in a structural engineering firm, is self-motivated, hard-working, and forms collaborative relationships with colleagues and clients.

Desired skills, responsibilities, and qualifications you will need to have:

Skills

- Adaptable: can pivot to meet project and client needs and is able to focus on multiple projects at one time.
- Entrepreneurial: ambitious, client-focused, and quality driven.
- Proactive: takes initiative, analytical, innovative, and is a natural problem solver.
- Team-player: builds positive relationships with colleagues, clients, and acts as an ambassador for Engineering Link in the field.
- Maintains and strengthens existing client relationships, fostering new business opportunities from our existing work.
- High level of proficiency with Microsoft Word and Excel.
- Experience with Microsoft Project and Access is also a desirable skill.
- Able to neatly layout and letter a hand-sketch.

Responsibilities

- Responsible for the design of discrete structural elements.
- Able to design such elements using a variety of software such as AutoCAD, REVIT, SAFI, SAP, SAFE, ETABS, STAAD, Navisworks, and Bluebeam.
- Review and assess existing building structures. Writing letters to clients based on our structural findings.



- Participate in the development and maintenance of technical documents such as specifications, typical details, and design aids.
- Assist in beta-testing new design software.
- Develop CAD drafting skills to assist with production of structural and building envelope CAD drawings and sketches.
- Provide structural engineering support for building envelope projects.
- Responsible to design and detail structural elements, including design and calculations, computer modelling, and analysis.
- Investigate field and design problems.
- Conduct site visits and inspections.
- Participate in client meetings, facilitating solutions to design issues, providing status updates, and focuses on relationship building and business development.

Qualifications

- Bachelor's degree in Civil/Structural Engineering (a 2020/2021 graduate is preferred).
- Previous work experience in structural engineering consulting or construction.
- Knowledge and understanding of relevant design standards and codes. Specifically, the Ontario Building Code Parts 4 & 9.
- Regularly updates their own technical knowledge and skills and stays current in engineering and best practices.
- Strong attention to detail and accuracy of work.
- Excellent written and verbal communication skills.
- Has a valid G driver's licence.

A resume is required when applying.

Engineering Link is committed to promoting diversity and employment equity.

Applicants requiring accommodation at any stage in the recruitment process can contact Human Resources.

We thank you for your interest in our firm. Please note that only those candidates selected for the next step in the recruitment process will be contacted by Human Resources.