

# **Elli Hashemloo**

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## **OBJECTIVE**

- Obtain a position as Structural Engineer and Building Science.

## **SUMMARY OF QUALIFICATIONS**

- Over five years of working experience in structural engineering and design of steel, concrete, masonry, and wood structures including residential and commercial.
- Registered as an Engineering Intern (E.I.T) under the terms of the Professional Engineers Act.
- Proficient in structural analysis software, Wood Works Office (timber structures), ETABS and Sap2000.
- Proficient in AutoCAD and Revit.
- Proficient in Microsoft Office (Word, Excel, Access, and PowerPoint).
- Highly organized, function well in a fast-paced environment with the ability to work with minimal supervision.
- Experienced as a structural designer, collaborating with highly experienced engineers, architects and consulting firms.
- Assist the Project Manager to coordinate with project stakeholders on an ongoing and regular basis to maintain communication
- Enthusiastic to work as a team with an effective communication skills.
- Fast learner with good engineering judgment to resolve problems, interprets engineering specifications, and investigates project difficulties.
- Well organized and capable of working on multiple concurrent assignments.

## **WORK EXPERIENCE**

**November 2015 – present**

**Structural Designer**

**TEG Structures, Toronto, Ontario, Canada**

- Assistant engineer in analysis and design of wood, steel, and concrete structures using AutoCAD, Wood Works, ETABS, and SAP2000.
- Lead engineer to examine the construction drawings using AutoCAD and MicroStation, review specifications, and design elements and details to comply with requirements such as Canadian Standards including NBCC2010, CSA S16, CSA A23.3, 1.
- Project management skills including scope of shop drawings review, progress control, budget estimation and control, and write technical reports.
- Expert in designing structure foundation, footing, foundation wall reinforcement based on building codes and design standards.
- Coordinate projects with colleagues, project managers, clients, and architects to address challenges and facilitate project progress.
- Performed site visit to prepare technical reports, collect data for as-built drawings, structural site instruction.
- Prepared drawings and documents for tendering and contracting process.
- Prepared technical reports, meeting minutes and provided response to clients and managements to address their concerns and questions.

**June 2011 – May 2014****Junior Structural Engineer****NDT Tower Designers**

- Performed structural analysis to identify defected members and provided a solution to address problems.
- Executed field work including data collection to produce detailed condition analysis of building envelope components for tender documentation and As-Built drawings.
- Performed construction process and progress review to control quality and quantity of project requirements regarding material, and drawings.
- Reviewed drawings and coordinated with site inspector and project manager to address issues with sub-contractors during construction.
- Prepared cost estimation and invoices submitted to client, project manager and other stakeholders as required.
- Provided design drawings, such as structural details and architectural plans utilizing AutoCAD.

**EDUCATION**

- Licensing International Engineers into the Profession (LIEP) /Civil Engineering certificate, University of Toronto, 2017
- B.Sc., Civil Engineering, Mazandaran University of Technology, Iran, 2006-2010.  
(Accredited by the University Of Toronto)

**PROFESSIONAL MEMBERSHIP**

- Member of Professional Engineers of Ontario Engineer in Training (E.I.T)