

Tural Alizada

Civil Engineer-In-Training (EIT)

<https://ca.linkedin.com/in/turalalizada>

Toronto, Ontario M4X 1W7

Willing to relocate across Canada

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Education

Master of Engineering, Civil Engineering (University of Toronto) 2015-2017
Specialization: Construction Management
Certificates: GPS (Graduate Professional Skills) Program
ELITE (Entrepreneurship, Leadership, Innovation and Technology in Engineering)

Bachelor of Engineering, Civil Engineering (McGill University) 2011-2015
Specialization: Structural Engineering

Summary of Skills and Knowledge

PM Software: Microsoft Project, Primavera, VICO Office
BIM Software: Revit, AutoCAD Civil 3D, VICO Office
Microsoft Office: Word, Excel, PowerPoint, Visio, Access
CM: WBS, Scheduling, Quantity Take-offs, Cost Estimation, Bidding, QA/QC
Design: SAP2000, ETABS, Bridge Design, Concrete / Steel Design, Blast / Earthquake Resistant Design

Recent Graduate-Level Courses

Project Management

- Covered the knowledge areas of the PMBOK Guide including scope, cost, time, and risk.
- Applied the knowledge into creating a MS Project file containing WBS, cost and schedule elements for a 'faux' project (Boston Big Dig).

Human Resource Management

- Analyzed the factors (i.e. practices, policies and legislations such as Occupational Health and Safety Act, etc.) influence relationship between management/employer and workers in an engineering environment.

Construction Contract Documents

- Examined various construction contract documents (e.g. Ontario Provincial Standards for Roads and Public Works) used by government and private bodies.

Building Information Modelling

- Developed 5D BIM (3D + cost + schedule) simulation of a 3-storey building using Autodesk Revit and Trimble Vico Office (CM/PM software).

Infrastructure Asset Management

- Examined asset inventory, risk management, performance measures and budget allocation of civil infrastructure systems: roads, buildings, water networks and sewer networks.

Business Planning and Execution

- Learned about the key components of starting and running a business, and prepared business plans for two different business ideas.
- Design of Blast and Impact Resistant Structures
- Mechanics of Reinforced Concrete
- Design of Earthquake Resistant Structures
- Design of Steel and Concrete Structures
- Case Studies in Building Science
- Infrastructure Renewal and Maintenance

Relevant Internships

Civil Engineering Intern at Trade Industrial Company JSV, Azerbaijan

- Assisted in preparation of WBS, cost and scheduling for the construction of two pipeline storage sites for South Caucasus Pipeline expansion (SCPx) project (using MS Project)
- Coordinated change orders and change notices between the staff, external consultants, subcontractors and clients (BP and SOCAR)

Field Engineer Intern at ASKO LTD, Azerbaijan

- Contributed to the coaching and implementation of Occupational / Environmental Health & Safety programs on three different construction sites
- Prepared Quality Assurance & Quality Control reports on a daily basis