

Ian Lindley, MASc., EIT

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OBJECTIVE

To bring my previous experience in the engineering and academic fields to a positive work environment where my unique skills in problem solving and team coordination can be used on projects that will challenge me and provide opportunities to develop new skills.

EDUCATION

- Master of Applied Science, Civil Engineering, Ryerson University, June 2019
Thesis Topic: Road Safety Treatment Effects involving use of Excel and ArcGIS
- Bachelor of Engineering., Civil Engineering, Ryerson University, June 2017
Capstone Topic: Traffic Impact Study involving use of Synchro and AutoCAD

RELEVANT WORK EXPERIENCE

January 2018 – April 2019

Ryerson University

Graduate Assistant

Toronto, ON

- Organized and led tutorials on the application of theory, Synchro software and InterCalc software
- Courses focused on Highway Design and Traffic Operations
- Marked assignments and tests correctly and in reasonable time

May – August 2017

Toronto Zenith Contracting Ltd.

Student Estimator

Concord, ON

- Used HeavyBid and WinEst to assist in bid estimation
- Communicated with subcontractors ensuring the accuracy of bids
- Implemented asset tracking program and trained staff in its use

May – August 2016

Region of Peel

Student Inspector – Operations Support: Connections Section

Brampton, ON

- Inspected water and sanitary connections between private projects and regional infrastructure
- Coordinated with private contractors, residents and government officials on work being completed such as pressure tests and watermain shutdowns
- Ensured work complied to Safety and regional standards

May – August 2015

Region of Peel

Student Inspector – Operations Support: Capital Works Section

Brampton, ON

- Inspected watermain, sanitary main and culvert construction projects
- Provided support to Regional Inspector by working with contractors on site
- Took accurate measurements, such as watermain depth, ensuring regional standards

May – August 2014

Region of Peel

Student Materials Tester – Operations Support

Brampton, ON

- Conducted lab tests including sieve analysis, proctor test and concrete strength tests
- Used nuclear density gauge to test soil properties in the field
- Field concrete testing including air and slump
- Underwent specialized training in the transportation of dangerous goods and vehicle operation

EXTRACURRICULAR ACTIVITIES AND ACHIEVEMENTS

September 2017 – June 2019

Ryerson University

Institute of Transportation Engineers (ITE) – Ryerson Chapter President

Toronto, ON

- Planned student events, managed executive committee and coordinated with other student chapters, ITE and Ryerson University
- Secured funding for Traffic Bowl competition teams
- Competed in annual Traffic Bowl competition at the CITE annual conference in Toronto (2017), Edmonton (2018) and Ottawa (2019). Finished in 2nd place in Edmonton.

January 2019

Ryerson University

Transportation Research Board (TRB) Author and Presenter

Toronto, ON

- Co-Author on paper submitted to TRB
- Presenter at Annual Meeting in Washington, D.C.

November 2016

Ryerson University

Ryerson Engineering Competition Contestant

Toronto, ON

- Presented arguments on both sides of various topics such as logistics and climate change
- Finished 3rd in Parliamentary Debate

September 2014 – March 2015

Ryerson University

Ryerson Concrete Toboggan Team Member

Toronto, ON

- Competed at GNCTR 2015 in Kelowna, BC
- Earned awards for display and concrete mix design