Oliver Liang

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EDUCATION

B.A.Sc. in Engineering Science - Infrastructure Specialization

University of Toronto – St. George Campus   Expected Graduation 2018

ACHIEVEMENTS

- Team proposal for Toronto Raccoon-Proof Green Bins featured on CityTV and CBC Radio
- Elected Engineering Science Class representative in 2013
- Third place in 2010 and 2011 Mohawk College Mad 4 CAD Contest - AutoCAD

RELEVANT SKILLS & PROFILE

- Knowledge of civil engineering and transportation planning principles/processes
- Understanding of Canadian Steel Design Code and Canadian Highway Bridge Code
- Strong computer skills and proficient with AutoCAD, SketchUp, EMME, MassMotion, Paramics
- Knowledge of Java, Python, VBA, MATLAB, SQL, and JavaScript programming languages
- Experience in collection and analysis of statistical data
- Integrated oral, written, and graphical communication skill with Microsoft Office
- Proven ability to work with minimal supervision as part of a multidisciplinary team

WORK EXPERIENCE

Emergency Management and Planning Office Co-op Student

Ministry of Transportation – St. Catharine's, Ontario   January – August 2017

- Assisted in procurement of Ministry wide incident management software
- Planned, procured, and maintained quick deployment field kit
- Management of weekly team meeting

Database Admin / Administrative Assistant

Nelson Youth Centres (Nonprofit) - Burlington, Ontario   June – August 2016

- Responsible for the maintenance of multiple patient information database applications
- Analyse and summarise patient surveys to evaluate treatment efficacy
- Assist in transition of paper-based document control to digital document control
- Develop and implement fundraising marketing plan

Transit Team Associate

Infrastructure Ontario - Toronto, Ontario   May 2014 – December 2014

- Primarily responsible for coordinating Request for Information (RFI) response process
- Processed over 1000 RFIs for Eglinton Crosstown LRT RFP contract phase
- Streamlined RFI processes by writing new software tools in VBA and python
- Updated management on project progress with regular presentations

Hybrid Positioning Designer

Blackberry - Waterloo, Ontario   May 2013 – August 2013

- Undertook research of pedestrian walking patterns and locomotion mechanics
- Automated experiments and analysis with MATLAB, Java, and Python programming
- Summarized research, experimentation and analysis in technical reports
- Provided recommendation of vendor solutions to manager