

JORDAN HART-BISHOP, EIT

TRAFFIC OPERATIONS AND SAFETY ANALYST

310 Red Maple Road, Unit 908
Richmond Hill, ON L4C 0T7

T 519-616-3672

jhartbishop@gmail.com

February 26, 2018

Stephanie d'Obrenan
Senior Manager, People and Culture
30 Forensic Engineering
40 University Avenue, Suite 800
Toronto, ON M5J 1T1

RE: TRANSPORTATION ENGINEER JOB OPENING

Dear Ms. d'Obrenan:

I am writing to apply for the Transportation Engineer position posted on the CITE Careers website.

I am very passionate about the subject of road user safety, having worked in several pre-graduate positions with a focus on road safety projects. Since beginning my full-time career, I have been focused on traffic operations, with an emphasis on signal timing development and coordination. I believe that traffic operations and safety are inherently linked, and one cannot be addressed without considering the other.

My current consulting experience has allowed me to focus on a wide variety of transportation projects and developed my ability to handle competing objectives. Of particular value to me, was the opportunity to harness my technical writing skills gained from my academic background, to prepare reports and write clear and actionable recommendations for clients.

From my experience writing my masters' thesis, I found the key to communicating complex information with others is a deep understanding of the content myself. From this experience, I strive to fully understand problems in order to arrive at comprehensive and clear solutions.

I believe that my prior experience and enthusiasm would be of great benefit to the team at 30 Forensic Engineering. Thank you for your consideration.

Sincerely,



Jordan Hart-Bishop

JORDAN HART-BISHOP, EIT

TRAFFIC OPERATIONS AND SAFETY ANALYST

EDUCATION

B.A.Sc Civil Engineering, Honours
University of Waterloo
2009-2014

M.A.Sc Civil Engineering, Honours
University of Waterloo
2014 – 2018 (Pending)

PROFILE

Four years' experience in traffic operations and safety analysis in consulting and academic settings. Passionate about safety analysis and innovative solutions to challenges faced by traffic engineers. Excellent technical analysis skills using Excel and traffic analysis software gained from traffic operations projects.

SKILLS

Initiative
Analytical Thinker
Oral Communication
Leader
Driven

MEMBERSHIPS

Member, Institute of Transportation Engineers, 2015 – Present
Engineering Intern, Professional Engineers Ontario, 2014 - Present

EXPERIENCE

2016 -
Present

Designer (EIT), WSP Group, Thornhill, ON

Coordinated and managed tasks for transportation analysis both independently and with a team. Focused on using traffic operations expertise to address client's needs.

Accomplishments:

- Conducted and documented transportation analysis with various traffic engineering software including Synchro Studio and VISSIM 7
- Developed custom Excel sheets to process data and summarize Synchro results for traffic impact studies
- Enhanced processes for data analysis and document preparation within the department to reduce time spent on repetitive tasks

2013
(8 months)

Transportation Analyst, IBI Group, Toronto, ON

Assisted engineers on a variety of projects including: safety reviews, traffic operation studies, and traffic impact studies.

Accomplishments:

- Developed several safety reviews of rural highways and intersections using the predictive method under the direction of a supervisor
- Researched traffic technologies and prepared technical documents and figures for clients
- Completed traffic impact studies using Synchro 7 for a variety of land uses

ADDITIONAL EXPERIENCE

2015 -
Present

Development Chief (Volunteer), Canadian Institute of Transportation Engineers

Part of a team of young transportation professionals with the goal of increasing new member engagement in CITE. Personal focus is on enhancing the connection between members through mentorship and networking.

Accomplishments:

- Organization and operation of CITE Annual Mentorship Program for Kelowna 2016 and Toronto 2017