



FARAH SAMOUH

Toronto, Ontario 

416-838-8547 

Farahsamouh23@gmail.com 

linkedin.com/in/farahsamouh 

litrans.ca/team/samouh-f 



SUMMARY OF QUALIFICATIONS

- Master of Applied Science student in civil engineering majoring in transportation, graduating in August 2019
- Currently working with CUTRIC on the deployment of electrical low speed autonomous shuttles across Canada
- Researching the effectiveness of adapting autonomous technologies for food delivery
- Skilled in researching, analyzing, and summarizing information in the form of memos, letters, reports and presentations to board members, faculty members and students.
- Valid G2 driving license with access to own vehicle



TECHNICAL SKILLS

- Strong competency in PTV VISTRO, PTV VISSIM, Highway Capacity Software, Microsoft Project.
- Familiar with QGIS, Synchro, PTV VISUM
- Knowledge in using SAP2000, ETABS and SAFE
- Computer skills: Microsoft Office Suit



EXPERIENCE

Mitacs Intern | Canadian Urban Transit Research & Innovation Consortium (CUTRIC)

FEB 2019 – PRESENT

- Working with CUTRIC under the supervision of Ontario Society of Professional Engineers (OSPE) and Ryerson University on the National Smart Vehicle Demonstration & Integration Trial.
- Preparing a report on connected vehicles technologies (DSRC Vs. 5G) and privacy concerns around it.
- Project variables to be modelled and simulated: augmentation in transit ridership, including predicted avoidance of single passenger car regrading various parameters.

Graduate Teaching Assistant | Ryerson University

JAN 2019 – APR 2019

- The teaching assistant for “Transportation Engineering” course
- Conducted weekly tutorials for students to develop a better understanding of the course material and assist them with the tools required to solve their assignments
- Worked in a team with other TA’s to develop rubrics to ensure fairness and delineate consistent criteria for grading

Project Coordinator (Intern) | Tamdeen Corporation for Development and Investment

MAY 2017 – AUG 2017

- Estimated quantities and cost of materials, equipment or labor to determine project feasibility
- Acted as the point of contact and communicated project status to all participants
- Created and maintain comprehensive project documentation, plans and reports
- Developed project schedules through Microsoft Project
- Analyzed project billings and prepared payment status reports
- Monitored project progress and submitted weekly progress reports

Junior structural designer (Co-op) | Al-Omrانيا and Associates

JUNE 2016 – AUG 2016

- Learned computer modeling for the structural design and analysis of buildings
- Used Sap 2000 to create structural design and detailing of the structure and got approved by building division
- Used Excel to prepare spreadsheets for the design of structural elements as per the ACI Standards – design codes



EDUCATION

Master of Civil Engineering (MAsc) | Ryerson University

2017 – Intended to graduate August 2019

Relevant coursework:

- Traffic operations and management
- Transportation planning
- Advanced Construction Management
- Urban transport systems
- Advanced highway geometric design

Directed studies - Freight transportation in GTHA

Thesis topic: Adapting new technologies for on demand food delivery using autonomous technologies (Robots and Drones)

Bachelor of Civil Engineering | University of Jordan

2012-2017

Thesis Topic: Structural design of Al-Mansouri high-rise building using computer software's



ACTIVITIES/MEMBERSHIPS

Volunteer | ITS-STI Canada (Intelligent Transportation Systems Society of Canada) Annual Conference

Civil Engineering Activities Manager | University of Jordan (Civilium)

Member | Young Professionals in Transportation

Member | Ontario Society of Professional Engineers

Member | Ryerson Institute of Transportation Engineers