

Syedata (Ata) Nahidi

ACADEMIC & WORK EXPERIENCE

MAY 2016 – PRESENT

University of Waterloo - Centre for Pavement and Transportation Engineering CPATT
Graduate Research Assistant

Thesis Title: Throughput and Safety Evaluation of High-volume Highways
Investigated the effect of work zone presence on road safety, user delay cost and congestion in high-volume highways. Data Collection, Data Analysis, Statistical Analysis and Expert System Design were major steps of this research. Results of this study has been presented and published in several conferences and a part of it was submitted as a technical report to Ministry of Transportation of Ontario.

MAY 2017 –PRESENT

University of Waterloo
Teaching and Course Assistant

Courses:

1- Transportation Safety Analysis,
2- Advanced Calculus,
3- Sustainability in Engineering,
4- Economics in Engineering
*Improved my public speaking, communication, and mentoring skills. Learnt to manage large classes with more than 150 audiences.
Average Evaluation Score: 4.6\5*

SEP 2013 – JUNE 2015

State University of New York at Buffalo
Graduate Research Assistant

Thesis Title: Evaluation of Public-Private Partnership contract types for roadway construction, rehabilitation, and maintenance
Performed a comprehensive statistical analysis to identify the most appropriate PPP contract type for any road construction and maintenance related activities. This analysis was conducted to analyze the cost overrun, cost saving, road safety, and time delays of each contract type and adapt the most beneficial PPP type

JUNE 2012 – AUG 2013

Soroush Darya Pey, Tehran, Iran
Field Engineer and Supervisor

Became familiar with real-life projects, as well as, controlling the proper implementation of the as-built drawings. Learnt TotalStation and surveying techniques.

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EDUCATION

2016 – 2019 **Civil Engineering - Road Safety (92 \100)**
DOCTOR OF PHILOSOPHY
University of Waterloo, ON

2013 – 2015 **Civil Engineering - Transportation (3.93 \4)**
MASTER OF SCIENCE
State University of New York at Buffalo, NY, USA

2008 – 2012 **Civil Engineering**
BACHELOR OF SCIENCE
K.N. Toosi Uni., Tehran, IRI

AWARDS

2018 **CEE Outstanding Volunteer Award**
University of Waterloo, ON

2016-2019 **International Doctoral Student Award**
University of Waterloo, ON

COMPUTER SKILLS

STATISTICAL	LIMDEP, NLOGIT, MATLAB, R, R-Studio, Minitab
PROFESSIONAL	Carlson, AutoCAD, Microsoft Office Package, Latex, TransCAD, MicroStation, Synchro, ArcGIS

EXTRA CURRICULAR ACTIVITIES

2017 - 2019 **Institute of Transportation Engineers**
Social Event Director - Student Chapter

LANGUAGES

ENGLISH	Professional
TURKISH	Professional
PERSIAN	Native Speaker