

Keyvan Rangin Kaman, M.Eng,

EIT Transportation Engineer

1108, 15 Singer Ct. North York, ON

Keyvan.r.k@gmail.com

647-991-7755

HIGHLIGHTS OF QUALIFICATIONS

- Proficient in using SYNCHRO/SimTraffic/HCS
- Proficient in microsimulation assessments using **AIMSUN** in all levels
- Proficient in impact / parking studies of new development (commercial, residential)
- Knowledgeable in 4 stage modeling method and travel demand forecasting
- Familiarity with other transportation modeling software tools (VISSIM, EMME, TransCAD), using them in course assignment projects
- Highly experienced in designing road/highway intersections and interchanges
- Knowledgeable in ITS concepts such as ramp metering, traffic signals timing, coordinated intersections
- Solid background in using AutoCAD, Microsoft Office, MS Project, ArcView
- Knowledgeable about Ontario Traffic Act, Canadian Capacity Guide, OTM, Highway Capacity Manual, TAC, Geometric Design Guide for Canadian Roads
- Ability to multi-task, Independent, High level of commitment, Valued team player
- EIT member of Professional Engineers Ontario

PROFESSIONAL EXPERIENCE

Multiview, Mississauga, www.multiview.ca/

Underground Utility Locator

May 2017- Present

- Check drawing, Select the best method of locating
- Check and conduct all safety issues for personal and locating area
- Use special equipment to locate underground utilities and make sketches

The University of Waterloo, <http://uwaterloo.ca/>

Student of Master of Transportation Engineering

September 2015- April 2017

- Graduated with GPA 81/100

Engineers Without Borders Canada, Toronto, www.ewb.ca

Data Analyzer

Aug 2014- Feb 2015

- Data Analyzer, Conduct and update the database of donators
- Administrator, Receptionist, Customer service
- Office Manager, Send and receive parcels, Order office needs

Tadbir Omran Consulting Company, www.tadbiromran.com

Technical Manager

2012-2013

- Team leader and client liaison
- Managed schedules and budget in new LRT system, Tehran-Hashtgerd, Iran
 - ✓ Compensated 30% of behind the schedule from 40% to 10% within 9 months

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Shiraz Urban Railway Organization, www.shirazmetro.ir

Senior Traffic Engineer & Project Manager

2009-2012

- Found analyzed and designed feasible detour for vehicles traffic during construction of subway stations
 - ✓ Saved \$1 million by changing construction methods of Central Subway station in Shiraz, my simulation by AIMSUN was approved demonstrating an effective detour of vehicles during construction
- Estimated the advantages of adding 4 new stations to Shiraz subway line 1
 - ✓ Increased 11% passengers /hour during peak hours, total passengers of Shiraz Subway line 1 before that was 23,000 per hour
 - ✓ Approved extension in Line 2 Shiraz Subway through the determination of passenger demand
- Managed studies of Shiraz new subway lines
 - ✓ Provided on time studies and received approval for 4 new subway lines from city and province authorities

Traffic Organization of Shiraz municipality, www.eshiraz.ir/traffic

Transportation Engineer

2004-2009

- Project Manager of traffic studies including checked and updated schedules, reviewed reports, checked correction comments, held the presentation meeting
- Designed interchanges
 - ✓ Finding a special way in design an interchange, that meet the minimum radius of loop curve and avoid demolishing a school
- Assessed traffic demand of new building including traffic impact and parking studies
 - ✓ Estimated traffic demand of Persian Gulf Complex, (www.persiangulfcomplex.ir/), which included the largest mall in Iran (420000 m² stores and 63000 m² entertaining area and 26000 m² 7-star hotel)

EDUCATION

- Master of Engineering in field of Transportation engineering Waterloo, ON 2017
- M.Sc. of Civil Engineering in field of Transportation, Tehran, Iran 2004
- B.Sc. of Civil Engineering in field of Roads and Structures, Karaj, Iran 2000

CERTIFICATE & TRAINING

- Transportation & Traffic Software Synchro, Metro College of Technology, Toronto 2015
- Engineering Connections ACCES/Humber College Institute of Technology 2014
- Basic & Advance training of "AIMSUN" software, TSS Company 2009
- Professional Engineering License Grade A in Traffic and Civil Eng., Ministry of Roads and Urban Development, Iran 2002