

# ALIREZA RABIEE, PTP, GISP

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## **OBJECTIVE:**

To serve in a Senior Transportation Engineer/ Project Manager position that will strengthen my expertise in transportation/traffic engineering and GIS technologies and make a meaningful contribution to the growth of the firm. Ideally this position would offer me the opportunity to demonstrate my depth of technical knowledge and project management skills.

## **CAREER RELATED WORK EXPERIENCE:**

### **Senior Transportation Analyst, Vanasse Hangen Brustlin Inc. (VHB), New York, NY 2016-Present**

- Performed traffic and transportation analysis including the Greater East Midtown Rezoning EIS transportation study.

### **Project Manager, Sam Schwartz Engineering, New York, NY 2014-2016**

- Project Manager and task leader for public and private projects responsible for all elements of project delivery.
- Performed traffic impact studies, traffic simulations, parking analysis, public transit project reviews, geometric design and crash analysis and Vision Zero studies.
- Technical leader for all GIS related tasks for traffic and transportation planning projects.

### **Senior Transportation Engineer, BFJ Planning, New York, NY, 2005-2014**

Project Manager responsible for the final delivery of a number of traffic/transportation and GIS projects in the following fields:

- Traffic impact analysis, traffic simulations, traffic/parking circulation analysis, crash analysis, complete street/ road diet studies
- GIS-T (GIS for transportation) and GIS studies, regional and local transportation studies, transit studies and corridor studies
- Roundabout/geometric design, bicycle lane design, parking conceptual design, parking impact

### **Resident Engineer, Chapel Farm Construction Inc., Riverdale (Bronx), NY, 2004-2005**

- Supervised road construction and worked closely with construction contractors as Quality Control Manager.
- Utilized AutoCAD Map 3D software for construction analysis

### **Transportation Engineer, Tehran Transportation & Traffic Organization (TTTO), Planning Department - Tehran, Iran, 2001-2004**

- Managed the modeling team to run various scenarios under the Tehran travel demand model using EMME software
- Technical leader to perform several traffic simulation projects (using Synchro and GETRAM programs)
- Managed Tehran Traffic Geographic Information System Pilot Project (Tehran Traffic GIS)

### **Partner, Samar Naqsh Sazeh Inc., Tehran, Iran, 1995-2001**

- Managed "Tehran Zoning Map Semi-Automatic Digitizing project" for a 30 square-mile area with a population of over 8 million.
- Project Manager for "Pavement Maintenance, City of Tehran-District 1", 1997-1998

## **EDUCATION:**

- Graduate Certificate in Geographic Information Systems (GIS), University of Colorado at Denver, 2011
- Master of Science, Traffic Engineering and Transportation Planning, Azad University, Tehran, Iran, 2000
- Bachelor of Science, Geomatic Engineering & Land Surveying, Khaje Nasir Toosi University of Technology, Tehran, Iran, 1996

## **COMPUTER SKILLS:**

*Traffic/Transportation:* Synchro/SimTraffic, Aimsun, ArcGIS Network Analyst, HCS, EMME, RODEL, AutoTurn, TORUS, VISSIM

*GIS, Design & Other:* ArcGIS, AutoCAD, Adobe Suite, AutoCAD Map 3D, Python, VB

## **MEMBERSHIPS:**

- Professional Transportation Planner (PTP)
- Geographic Information Systems (GIS) Professional (GISP)
- Member of the Institute of Transportation Engineers (ITE)

## **PUBLICATIONS:**

- "Driver Behavior Analysis in Signalized Intersections, Using Nested Logit Model", Alireza Rabiee, S. Seyyedhosseini, International Journal of Engineering Science, Iran University of Science and Technology, Vol. 13, No. 2, 2002
- "Traffic Speed Control at the Highway's Merging Points", Amir Salehi, Alireza Rabiee, Tehran Traffic Engineering Issues (T.E.I), Spring 2002
- "Auto Navigation", Alireza Rabiee, Tehran Traffic Engineering Issues (T.E.I), Fall 2001
- "GIS in Transportation", Alireza Rabiee, Shahr Negar Magazine, June 2000 and Tehran Traffic Engineering Issues (T.E.I), Winter 2001

## **PROJECT LIST:**

Available upon request or check [www.TrnsPlan.com](http://www.TrnsPlan.com) for selected projects.