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## **Saman Dabiri Zanjani**

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### **Summary of Qualifications**

- A highly motivated engineer with Master's degree in Transportation Systems Engineering and more than one year experience working in civil engineering firms.
- Experienced with Geographic Information System and ArcGIS map-making software.
- Proficient in analyzing transportation/traffic data using different statistical methods.
- Proficient in HCS 2010 and traffic ware (Synchro 9.1, VISSIM).
- Proficient in Microsoft Office (Word, Excel, PowerPoint).
- Knowledge of design tools (AutoCAD, Carlson, Microstation).
- Knowledge of MUTCD, NCHRP, AASHTO Green Book, HCM, and ITE Trip Generation Volumes.

### **Professional Experience**

**Manatee County Government**, Department of Public Works, Traffic Division, Bradenton, FL

*Traffic Engineering Intern*

May. 2016 – Present

Analyzing intersections and roundabouts level of services (LOS) using Synchro 9.1 and HCS 2010.  
Collaborating in traffic impact assessments and studies using Synchro, HCS, and ITE trip generation.  
Collecting data from vehicles and pedestrian counts, field observation and creating reports in excel.  
Designing the alignment of a roadway segment using design tools such as AutoCAD and Microstation.  
Performing signal warrant and intersection sight distance analysis using MUTCD criteria.

**Donyagard Consulting Engineers**, Tehran, Iran

*Transportation Construction Inspector*

Aug. 2010 – Nov. 2011

Reviewing highway designs, supervising contractor work, and verifying compliance with standards on a highway resurfacing project involving joint repair, milling, and paving.

### **Education**

The State University of New York at Buffalo

M.S. in Transportation Systems Engineering, GPA: 3.778

Expected Sep. 2016

Islamic Azad University (IAU), Tehran, Iran

B.S. in Civil Engineering

July 2010

### **Membership and Leadership**

Civil Engineer Students Association, (IAU), Iran

Leader of national student's macaroni truss competition

Jan. 2008 – Dec. 2009

### **Award**

**The Best highway alignment design certificate**, Department of Civil Engineering, SUNY Buffalo, April 2015