Niloo Parvin

●●● CIVIL/TRANSPORTATION ENGINEER

OBJECTIVE

Obtaining a **full-time** position with a focus on Transportation/Traffic Engineering following graduation in May 2017

EDUCATION

Iowa State University
Expected graduation May 2017| Ames, IA
Master of Science| Transportation Engineering| 3.87/4
  Relevant Courses: Introduction to GIS, Traffic Safety & Operations, Transportation System Development & Management, Transportation System Analysis, Traffic Engineering, Statistical Methods & Data Analysis

Sharif University of Technology
December 2014| Tehran, Iran
Bachelor of Science| Civil Engineering| 3.1/4
- "**Talented Student Title**" from Iran Graduate & Admission Office for being in top 0.1% in Iran National Entrance Exam among over 370,000 test takers| 2010
- **Relevant Courses:** Introduction to AutoCAD & Drawing of Maps, Roadway & Pavement Design, Highway Design, Transportation Planning, Geotechnical Engineering, Hydrology & Hydraulics

SKILLS & COMPETENCIES

Computer skills in: AutoCAD, TransCAD, MicroStation, Synchro, **Civil 3D**, MS Project, Microsoft Office, ETABS, R, SPSS

Fundamentals of Engineering (FE) in Civil Engineering| Iowa

LEADERSHIP & ACTIVITIES

Transportation Student Association (TSA) – ITE Student Chapter
  TSA Treasurer & financial committee co-chair of ITE Student Leadership Summit| May 2016 – Present

AASHTO STEM Educational Outreach Program
  Volunteered to facilitate Highway Safety Module for high school teachers| Jan 2016 - May 2016

Graduate & Professional Student Senate
  Civil Engineering Senator: Drafting & passing bills that affect graduate students, allocating GPSS funding to graduate students & clubs | August 2016 - Present

EXPERIENCE

Iowa State University - Institute for Transportation
August 2015 – Present| Ames, IA
Graduate Research Assistant
- Iowa Traffic Safety Data Service (ITSDS): GIS-based performance of **crash analyses** for public/private agencies in Iowa
- Involved in the following projects: Top Safety Improvement Candidate Locations, State Patrol Network Screening, Animal-Related Crashes, Updating Iowa DOT 2015 Crash Forms, Iowa Roadside Assessment, Iowa Calibration of HSM Safety Performance Function
- Responsible for **training & supervision** of hired undergraduate students for data collection

Sharif Transportation Engineering Research Center
July 2014 – Dec 2014| Tehran, Iran
Undergraduate Research Assistant
- Provided summary reports & literature review for the "Economic Analysis of Technological Changes in the Automobile Industry with a Focus on Safety Developments"

Ev-Yol Construction Company
May 2013 – August 2013| Tehran, Iran
Planning & Project Management Intern
- Team member in the development of project schedules for Cheshmeh Reservoir Dam using Microsoft Project software
- Prepared Work Breakdown Structure (WBS) for project control

Research & Presentations

M.S. Thesis| Iowa State University
- Compared SHRP II Roadway Information Dataset (RID) & U.S. Roadway Assessment Program (usRAP) Dataset Using Cost-Benefit Analysis
- Data Collection of Roadway Features in North Carolina Rural Areas

Poster Presentation | ITE Midwestern Conference
- Calibration of Highway Safety Manual Safety Performance Function in Two-Lane Rural Roads

⬤ Ames, IA   ☎ 515-708-6536   ✉ zparvin@iastate.edu