

Maryam Tahir

716-533-8628 | maryamta@buffalo.edu

EDUCATION

University at Buffalo, The State University of New York

May 2017

Bachelors of Science in Civil Engineering

GPA: 3.59/4.0 Dean's List (Fall 2016)

RELEVANT COURSE WORK: Civil Capstone Project (Structural), Structures 1 and 2, Reinforced Concrete Design, Foundation Design, Traffic Operations and Design, Groundwater Engineering, Soil Mechanics

SOFTWARE SKILLS

- Structural Design: AutoCAD, SAP 2000, STAAD
- Traffic Design: SYNCRO, VISSIM
- Computations: MATLAB, Maple
- Groundwater Analysis: Surfer, Visual AEM
- Office Software: Microsoft Office (Word, Excel, PowerPoint)

ENGINEERING PROJECTS

National Science Foundation (NSF) Research

May 2017-Present

- Collect and analyze data regarding the behavioral aspects effecting ride sharing for autonomous vehicles

Mepcon Builders and developer, Islamabad, Pakistan

December 2016-January 2017

Project Management Intern

- Prepared project proposals and conducted site visits to monitor construction progress for various ongoing projects

City of Buffalo Department of Transportation, Undergraduate Research

August 2016-December 2016

Traffic Signal Optimization Project

- Collected, analyzed and modeled traffic data using SYNCRO software for the Cayuga Rd, Dick Rd corridor in Buffalo New York to optimize signal timings and improve traffic flow.

American Society of Civil Engineers, University at Buffalo

September 2015-May 2017

Seismic Design Project, Team Member

- Collaborated with a team of 15 to design and construct a pre-specified structure with enough integrity to withstand an earthquake. Analyzed design using SAP 2000 to ensure structural stability.

OTHER WORK EXPERIENCE

Charlotte Russe (Retailer)

July 2016-Present

Supervisor

- Lead a team of 20 to meet daily sales and convergence goals
- Demonstrate strong communication skills by providing customer service to 50+ customers on a regular basis.

LEADERSHIP EXPERIENCE

BecanHouse High School, Islamabad, Pakistan

September 2011-June 2012

Event Coordinator

- Planned and organized various school events including charity bake sales, tree plantations, theatrical productions and debate platforms.
- Delegated tasks effectively for a group of 6 team members

MEMBERSHIPS

American Society of Civil Engineers, Member

September 2015-Present

The National Society of Collegiate Scholars

August 2014-Present