

## EDUCATION

**North Carolina State University, Raleigh, NC**

B.S. in Civil Engineering with minor in Business Administration

December 2017

Relevant Coursework

- Traffic Operations
- Highway Design
- Transportation Systems Engineering
- Independent Study – ITRE Rail Trespass Project
- Civil Engineering Graphics
- Probability & Statistics for Engineers

## WORK EXPERIENCE

**Institute for Transportation Research and Education, Raleigh, NC**

Intern

April 2014 - Present

- Responsible for analyzing data for state and federal projects
- Professional meetings to present data
- Accountable for collecting field data around the country

**NCDOT Congestion Management, Garner, NC**

Summer Intern

May – July 2017

- Responsible for reviewing TIAs and reporting conclusions to firms and NCDOT divisions
- Executed analysis of SPOT mobility projects

**NCSU Summer Engineering Camps, Raleigh, NC**

Residential Camp Counselor

June – July 2014 & 2015

- Accountable for groups of high school students for weeks at a time
- Entrusted with transporting the campers to designated locations
- Prepared activities throughout the week
- Worked with other counselors to develop team building and management skills

Residential Camp Logistic & Planning Team Member

August – December 2015

- Worked with two other residential camp counselors, camp director and various NCSU staff
- Developed a manual for future camp staff to utilize in training
- Founded logistics for camp aspects (check-in & out processes, possibly camp activities, etc.)

## SKILLS

**Technical:** Microsoft Office (extended knowledge in Excel and spreadsheet analysis), Prezi, audio and video editing software, web page design including html code, Python code, AutoCAD Civil 3D, SolidWorks & 3d modeling, VISSIM, Synchro, Sidra, Freeval

**Personal:** Problem solver, strong work ethic, well-rounded, global thinker, strong social skills and works well in group environment

## ACHIEVEMENTS

- Published in technical report (“Evaluation of radar vehicle detection at four quadrant gate rail crossings”)
- Ferree Foundation Scholarship (2013-2016)
- NCSITE Brent McKinney Honorary Scholarship (2015)
- NCSITE Allen L. Williford Memorial Scholarship (2016)
- ASHE Robert E. Pearson Scholarship (2016)
- National Engaged Leader Award (NSLS, 2015)

**EXTRACURRICULAR**

- Study Abroad in Prague, Czech Republic (May-June 2016)
- National Society of Leadership and Success; Co-Chair of Philanthropy and Community Service, Vice President and President (2014 – Present)
- National Society of Collegiate Scholars, member (2014 - Present)
- ITE NCSU Student Chapter, member (2014 - Present)
- American Society of Civil Engineers, member (2013)
- NC State University Scholars Program (2013 – Present)