

# DIEGO BRYAN, E.I.

[diegobryanre@gmail.com](mailto:diegobryanre@gmail.com)  
(402) 321-0494 | Raleigh, NC

*Self-taught programmer who is passionate about finding creative solutions to problems that our communities face. I am seeking a position that will teach me to use my technical knowledge and innovative ideas to provide exceptional customer service*

## EDUCATION

### **B.S. in Civil Engineering (BS CE)**

*North Carolina State University*  
August 2017 - May 2020

### **Associate in Engineering (AE)**

*Wake Technical Community College*  
August 2015 - May 2017

## CERTIFICATIONS

### **Front End Development Libraries**

*Free Code Camp* | January 2022

### **Data Visualization**

*Free Code Camp* | January 2022

### **Back End Development and APIs**

*Free Code Camp* | January 2022

### **Responsive Web Design**

*Free Code Camp* | December 2021

### **JavaScript Algorithms & Data Structures**

*Free Code Camp* | October 2021

### **Engineer Intern**

*NC Board of Examiners* | April 2021

## CORE COMPETENCIES

### **Programming**

JavaScript | HTML | CSS3 | Python  
Bootstrap | D3 | MATLAB | Node.js  
Mongodb

### **Other Strengths**

Photoshop | Illustrator | Premiere Pro |  
Lightroom | AutoCAD | Spanish | English

## EXPERIENCE

### **Project Engineer** | July 2020 – July 2021

*Appian Consulting Engineers, Rocky Mount, NC*

- o Managed the 50,000 sf. industrial upfit for relocation of a manufacturing facility
- o Coordinated with municipality leaders and utilities directors to submit proposals for economic development of the region
- o Drafted structural and life safety plan sets using AutoCAD

### **Team Lead of RED-I** | August 2018 - March 2020

*Division of Academic and Student Affairs at NC State University, Raleigh, NC*

- o Assessed and managed the digital media needs of 700+ student clubs and organizations
- o Formulated a user-friendly platform for students to request photo, video, and graphic designs
- o Organized meetings and assigned projects to student interns while promoting a creative workspace

### **Team Captain** | August 2019 - March 2020

*Earthquake Engineering Research Institute (EERI) at NC State University, Raleigh, NC*

- o Mentored a group of engineering students over the course of 8 months to model a high-rise building that could withstand the effects of a major earthquake
- o Presented the team's final design and technical analysis at the International EERI Seismic Design Competition in San Diego, CA

### **Research Assistant** | May 2019 - January 2020

*Constructed Facilities Lab, Raleigh, NC*

- o Worked under the guidance of Dr. Giorgio Proestos to study the performance of large-scale concrete structures
- o Conducted an independent research study on the shear stress distribution of concrete deep beams
- o Two-time recipient of the National Science Foundation Research Experiences for Undergraduates grant

### **Engineering Intern** | May 2018 - August 2018

*Lake Cable, Chicago, IL*

- o Communicated amongst engineers and machine operators in both English and Spanish to ensure safety and quality control
- o Cataloged inventory and processed invoices to maximize factory efficiency