

DIEGO BRYAN, E.I.

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Phone: (402) 321-0494 | Location: 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 allow 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