

DIEGO BRYAN, E.I.

Email: diegobryanre@gmail.com | Website: <https://thediagobryan.github.io/Portfolio/>
Phone: (402) 321-0494 | Location: Raleigh, NC

Engineer and recent code camp graduate seeking a software engineer position. I aspire to use my technical knowledge and innovative ideas to provide exceptional customer experiences.

CERTIFICATIONS

Front End Development Libraries

Free Code Camp | January 2022

Back End Development and APIs

Free Code Camp | January 2022

Data Visualization

Free Code Camp | January 2022

Responsive Web Design

Free Code Camp | December 2021

JavaScript Algorithms & Data Structures

Free Code Camp | October 2021

Engineer Intern (E.I.)

NC Board of Examiners | April 2021

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

CORE COMPETENCIES

Programming

JavaScript | Python | HTML | CSS |
Bootstrap | D3 | MATLAB | Node.js
React | MongoDB

Other Strengths

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

EXPERIENCE

Project Engineer | July 2020 – July 2021

Appian Consulting Engineers, Rocky Mount, NC

- Coordinated with municipality leaders to submit proposals for the economic development of the region
- Managed the 50,000 square foot industrial upfit for relocation of a manufacturing facility
- Performed analysis on structural and life safety plan sets.

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

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

- Assessed and managed the digital media needs of 700+ student clubs and organizations
- Formulated a user-friendly platform for students to request photo, video, and graphic designs
- 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

- 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
- 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 at NC State University, Raleigh, NC

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

Engineering Intern | May 2018 - August 2018

Lake Cable, Chicago, IL

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