

REX OLIVER

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github.com/rexoliver

EDUCATION

Clemson University, Calhoun Honors College

Bachelor of Science in Computer Science

GPA: 3.4

Spring 2021

WORK EXPERIENCE

Clemson University

Fall 2019

IBM Watson in the Watt Researcher

Clemson, SC

- Working with the Clemson Applied Sciences Lab and the Clemson National Champion Football team to attempt to measure speed in a play by play manner using Catapult software embedded in the players' padding.
- We are using IBM Watson to analyze and hopefully separate the Catapult Data into a play by play basis so meaningful conclusions can be made about how the speed of players changes during different points of a football game.

Softdocs

Summer 2019

Software Development Intern

Columbia, SC

- Worked on an Agile Team in front-end development of the Form Builder application. Primarily developed new features for Form Builder in JavaScript using the Knockout.js and Aurelia frameworks.
- Worked with the DevOps team using C# and .NET to repair failing build systems.

Clemson University School of Computing

Spring 2019-Present

Student Ambassador

Clemson, SC

- Hosted prospective students and their families on tours and provided a thorough introduction to the school, degree programs, facilities, and research labs.
- Led tour groups of up to 90 people with a presentation and walk-through of the School of Computing.

DXC Technology

Summer 2018

Automation Intern

Blythewood, SC

- Worked with BluePrism and HTML to automate back-end insurance processes and tested these processes on a test SQL server.
- Collaborated regularly with multiple developers in India to create back-end optimizations that helped improve the organization of many internal processes.
- Conducted research on the marketing tactics of insurance companies located in DXC's core market.

Eureka! Clemson Research Program

Summer 2017

Research Student

Clemson, SC

- Participated in a 5 week long research project on programming multiple Roombas to work in the same space in the C programming language.
- Presented my progress to the rest of the Eureka! program and many alumni at the end of the program.

HONORS AND ACTIVITIES

Honors

- Clemson University Dean's List Spring 2018, 2019
- Eagle Scout Fall 2015-Present
- Cross Country Leadership Award Fall 2016

Organizations

- Varsity Cross Country, *Captain* Fall 2012-Fall 2016
- Ultimate Frisbee Club, *Captain* Fall 2015-Spring 2017
- Phi Gamma Delta Fraternity, *Member* Fall 2017-Present
- Clemson Indoor and Outdoor Intramural Soccer 2017-Present

TECHNICAL SKILLS

JavaScript

C, C++, C#

Java

Blue Prism Automation Suite

HTML

Microsoft Office