

# REX OLIVER

(803)–622–7187

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github.com/rexoliver

## EDUCATION

**Clemson University, Calhoun Honors College**  
*Bachelor of Science in Computer Science, Minor in Philosophy*

GPA: 3.5  
Spring 2021

## WORK EXPERIENCE

**Clemson University**  
*IBM Watson in the Watt Researcher*

Fall 2019  
Clemson, SC

- Currently working with the Clemson Applied Sciences Lab and the Clemson football team to measure speed in a play-by-play manner using Catapult software embedded in the players' padding.
- I am developing a pipeline that takes the Catapult data from Box to a database in AWS S3. The raw data will then be analyzed using Watson to separate the data in a play-by-play manner.

**Softdocs**  
*Software Development Intern*

Summer 2019  
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**  
*Student Ambassador*

Spring 2019-Present  
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**  
*Automation Intern*

Summer 2018  
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**  
*Research Student*

Summer 2017  
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**  
**Blue Prism Automation Suite**

**C, C++, C#**  
**HTML**

**Java**  
**Microsoft Office**