
Tyler Lowrey

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Current Address: 26 Clemson Place Circle, Clemson, SC 29631

Education

Clemson University – B.S. Computer Science

Class Standing: Junior Expected Graduation: May 2020

Technical Skills

- **Programming Languages: C, C++, PHP, Java, Python**
 - Website Design (HTML, CSS)
 - UI Libraries/Frameworks: ReactJS, JavaFX, Laravel (PHP)
 - Microsoft Office (Word, Excel, PowerPoint)
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Work Experience

IT Intern – Clemson University Watt Family Innovation Center (January 2018 – Present)

- **Duties:** Provide support for classroom technologies. Perform systems administration to keep building technology updated & functioning smoothly.

Student IT Consultant – Clemson Computing and Information Technology (Summer 2017, May 2018 – Present)

- **Duties:** Provide technical support for Clemson students and faculty, help manage services such as Office 365, and analyze network logs using Splunk.

Undergraduate Researcher – Clemson PERSIST Lab (September 2018 – December 2018)

- Assisted with circuit analysis to provide better movement recognition in a motion sensing system.
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Extracurricular

Activities

FIRST Robotics Competition (FRC Team 283)

- C++ Programmer (2014-2015 School year)
 - Team Captain & Lead Programmer (Summer 2015 – Summer 2016)
 - **Controls & Programming Mentor (Fall 2016 - Present)**
 - 2017 Season - Worked with the students to create a vision targeting system using Python and OpenCV
 - 2018 Season - Guided the students in the creation of a scouting system using HTML, CSS, and JavaScript
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Relevant Coursework

Clemson University (Fall 2016 – Fall 2018)

- ECE 1990 – Creative Inquiry in Robot Networks (w/ Python)
- CPSC 2120 – Algorithms and Data Structures (w/ C++)
- CPSC 2150 – Software Development Foundations (w/ Java)
- CPSC 2310 – Intro to Computer Organization (w/ ARM [Assembly] & C)

Clemson University (Current Coursework)

- CPSC 3220 – Introduction to Operating Systems (w/ C)
 - CPSC 3300 – Computer Systems Organization
 - CPSC 3600 – Networks and Network Programming (w/ C)
 - CPSC 3720 – Introduction to Software Engineering
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Personal Projects

github.com/tylerlowrey

tylerlowrey.com / Github Repo List

- Portfolio website with a ReactJS app embedded in it that is used to display my public Github repos on the site using the Github API.

Team283.org

- Website that I created for FRC Team 283 that uses a custom MVC framework written in PHP
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