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 - Microsoft Office (Word, Excel, PowerPoint)
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 human recognition in a motion sensing system.

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

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
Personal Projects github.com/tylerlowrey	tylerlowrey.com / Github Repo List • Portfolio website with a React 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 MVC framework written in PHP