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# Tyler Lowrey

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

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## Education

### Clemson University – B.S. Computer Science

Class Standing: Junior    Expected Graduation: May 2020

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## Technical Skills

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

**Information Technology Intern** – Clemson University, Watt Family Innovation Center (January 2019 – Present)

- **Duties:** Provide support for classroom technologies in the Watt Center. 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, Duo, and analyze network logs using Splunk.
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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)**
    - As a mentor for the team, I assist the students in the electrical wiring and programming (using the Java language) of the team's robots
    - Non-robot projects I have assisted with include:
      - 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 web app 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 Repo List ([tylerlowrey.com](https://github.com/tylerlowrey))

[github.com/tylerlowrey](https://github.com/tylerlowrey)

- Personal website with a ReactJS app embedded on it. The ReactJS app grabs my public Github code repositories and displays them on the site using the Github API.
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