

Colin Suckow

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Education

Oregon State University - Cascades, Bend, OR
Bachelor of Science in Computer Science, Web and Mobile Software Development

Graduation: June 2022

Technical Interests & Skills

- Rust
- JavaScript & TypeScript
- Systems Integration
- Android SDK
- Python
- C#
- Git
- Web development
- Java
- Embedded
- C++
- AWS Cloud Practitioner Certified

Work Experience

Engineering Technician, Wattlogix, Bend, OR

June 2018 - Present

- Made decisions on design and developed an Android application used to communicate with physical peripherals using Bluetooth
- Managed and organized an inventory of parts and assembled parts onto circuit boards
- Developed firmware in C for STM32 and MSP430 microcontrollers
- Troubleshoot problems with design and function of circuit boards

Software Development Intern, Novunex, Bend, OR

September 2020 - Present

- Tested and deployed a quality management system to clients
- Implemented new features and user interface flows using Html and Javascript

Software Engineering Intern, Sicamore Semi, Bend, OR

December 2019 - March 2020

- Built python-based terminal UI for tracking semiconductor processing status
- Developed features for and maintained a web-based quality management system
- Designed and built a light indication system prototype

Software Development Intern, Camp Creative, Bend, OR

June 2019 - December 2019

- Built web applications to test new frameworks and technologies
- Performed manual testing on an enterprise-level web app
- Tested and deployed software to a production web server running on AWS
- Wrote search interface which was later implemented in production code

Leadership and Activities

Vice President & Member, Tech Club, OSU-Cascades, Bend, OR

September 2018 - Present

- Organized club events to help the student body
- Deployed technical resources to benefit the community

Leader Programmer, Robotics Club, Summit High School, Bend, OR

September 2014 - June 2018

- Oversaw and managed the progress of software development
- Supervised six teammates, tracked progress, and held members accountable for responsibilities
- Wired circuits and resolved issues to ensure the proper functioning of the robot
- Collaborated with the team during weekly meetings to design components of the robot
- Developed programs using Java to control the robot
- Competed in World Championships, 2017 and 2018

Teaching Assistant, Summit High School, Bend, OR

September 2016 - June 2018

- Helped guide students to understand problems and develop beginner programming skills
- Communicated with teachers about curriculum

Camp Counselor, Summit High School Robotics, Bend, OR

June 2017 - August 2017

- Managed up to 15 children ages seven to eleven in a summer camp environment for four hours per day
- Taught children foundational skills relating to the design, construction, and programming of robots