Max Mitchell

1517 City Heights, Bend, OR, (541)238-7666, max7mitchell@gmail.com, github.com/MaxTheMitchell

Education:

Oregon State University - Cascades, Bend, OR, Anticipated Graduation: 2022
B.S. in **Computer Science, Software Engineering,** GPA: 4.0
Honors: Drucilla Shepard Smith Award (awarded to students with 4.0 GPA)

Summit High School, Bend, OR, Graduation: June 2018
High School Honors Diploma, GPA: 3.8

Related Courses: Software Engineering, Computer Architecture, Software Development ,Data Structures, Usability Engineering, Computer Networks, AP Computer Science, Calculus, Principles of Engineering, Introduction to Engineering, Intro to Computer Science I & II, Discrete Math

Technical Skills: Linux, Python, Ruby, Java, Javascript, C++, Go, assembly, HTML, CSS, SQL, Raspberry PIs, Ardino Microcontrolers, Excel, Word, AutoCAD, command line, Git

Internships:

Developer of QMS Systems and Support Intern, Novunex, Remote Work, June 2020-Current
- Implement new functionality for various customer's quality management systems
- Monitor and fix bugs for different customer's subscriptions
- Interact with customers and review documentation on specifications
- Write SQL queries and create HTML widgets with Javascript

Developer of Fab Tracking Systems Intern, Sycamore Semi, Bend, OR, December 2019-April 2020
- Collaborated with fellow intern to design and implement software to automate business and manufacturing processes
- Worked with Python3 and Raspberry PIs to create terminals that automate the fabrication process
- Wrote SQL queries to assist in data management
- Presented and received critical feedback on software projects

Related Projects

The Site of Music, Independent Project, February-July 2020
- Used Python to build a server that read and parsed data from Spotify
- Programmed microcontroller to transfer data from my server to LED display in C++
- Created frontend for the server using HTML and Javascript

Tetris on a Microcontroller, Independent Project, July 2020
- Created Tetris on an LED matrix using a microcontroller programmed in C++
- Used pentameters to register user inputs

Software Development, Class Project, September-December 2019
- Collaborated with team member to develop a multiplayer game
- Programmed server in Go and frontend in Javascript

Other Work and Leadership Experience:

Line Cook, Round Table Pizza, Bend, OR, February 2016-2019
- Collaborated with diverse group of kitchen and staff members to provide 'honest' pizzas

Member, Humanitarian Club, Summit High School, Bend, OR, September 2014-June 2018
- Worked with team to organize fundraising events and wrote administrative reports

Math Skills Assistant, Summit High School, Bend, OR, September 2017-June 2018
- Communicated complex topics in a way that made sense to students based on abilities