

Max Mitchell

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EXPERIENCE

- **Full Stack Web Dev and Machine Learning Intern**

Rupie - Remote

Created front end components in React JS and work with Express JS on the backend. Implemented Machine Learning models using python that identify top talent for job positions. Made use of Docker and Kubernetes to manage deployments.

June 2021 to June 2022

- **Software Developer of QMS Systems Intern**

Novunex - Remote

Implemented new functionality for various customer's quality management systems by employing use of SQL, JavaScript, HTML and existing Novunex systems.

June 2020 to March 2021

- **Software Developer of Fab Tracking Systems Intern**

Sycamore Semi – Bend, Or

Collaborated with fellow intern to design and implement software to automate business and manufacturing processes using Linux, Raspberry Pis, Python3 and SQL.

December 2019 to April 2020

EDUCATION

- **B.S. Computer Science, GPA: 4.0**

Oregon State University Cascades

Anticipated Graduation: 2022

OTHER HIGHLIGHTS

- Vice president of OSU Cascade's tech club. Helped organize and run meetings, events, and projects.
- Worked at Round Table Pizza from 2017-2019
- Volunteered as a math tutor in high school

OBJECTIVE STATEMENT

I am an enthusiastic programmer aiming to create clean, maintainable code for disruptive technologies.

SKILLS

- **Languages**

Python, Java, Javascript, Ruby, C, C++, Elm, Haskell, Crystal, BASH scripting, SQL, HTML, CSS

- **Software**

Linux, Windows, Git, AWS, Docker, Kubernetes, command line, VS code, Wireshark, Excel, Word

- **Hardware**

Raspberry Pis, Arduino Microcontrollers, PC building

- **Patterns & Practices**

Object Oriented Programming, Functional Programming, Test Driven Development, Agile Development

PROJECTS

- **Exhibit X** [[github link](#)] [[Web client](#)]

An interactive generative art exhibit On the OSU Cascades campus. Makes use of a mounted projector and sensors to create engaging pieces. Includes a web interface for OSU students to submit their own "sketches".

JavaScript, Processing, Linux

- **Site of Music** [[server link](#)] [[client link](#)]

An 64x64 LED light matrix display of the album cover of my currently playing song on Spotify. Includes a server to query Spotify and a client for a microcontroller to create the LED display.

Python, C++, ESP32 Microcontroller

- **Tempest 2001** [[github link](#)] [[game link](#)]

A browser game inspired by Tempest 2000 implemented in a functional front end framework.

Elm

HOBBIES & INTERESTS



Mathematics



Problem
Solving



Literature



Electronics