

Max Mitchell

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Bend, Or

EXPERIENCE

- **Novunex**

Developer of QMS Systems Intern - Remote
Implemented new functionality for various customer's quality management systems by employing use of SQL, JavaScript, HTML and existing Novunex systems.
June 2020 onwards

- **Sycamore Semi**

Developer of Fab Tracking Systems Intern – 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, CGPA: 4.0**

Oregon State University Cascades
Anticipated Graduation: 2022

AWARDS & RECOGNITION

- **Drucilla Shepard Smith Award**

awarded to students with 4.0 GPA
Oregon State University

- **Advent of Code Tech Club Winner**

Came in first place in university's tech club's private leaderboard for a speed programming competition
Oregon State University Cascades Tech Club

OTHER HIGHLIGHTS

- Tech club member, have given presentations on tech related topics for this club
- Regularly volunteer to assist teaching CS classes at my old high school
- Volunteered as a math tutor in high school

SKILLS

- **Languages**

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

- **Software**

Linux, Windows, Git, command line, VS code, Google Colaboratory, Wireshark, Excel, Word, LaTeX

- **Hardware**

Raspberry Pis, Arduino Microcontrollers, PC building

- **Patterns & Practices**

Object Oriented Programming, Functional Programming, Test Driven Development

PROJECTS

- **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 sever to query Spotify and a client for a microcontroller to create the LED display.
Python, C++, ESP32 Microcontroller

- **Microcontroller Tetris** [github link]

The classic game of Tetris implemented on a ESP32 micro-controller
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