Max Mitchell

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Bend, Or

EXPERIENCE

- **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 onwards

- **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

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

OBJECTIVE STATEMENT

An enthusiastic programmer aiming to create clean, maintainable code for disruptive technologies.

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, Ardino Microcontrolers, 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 server to query Spotify and a client for a microcontroller to create the LED display.
  Python, C++, ESP32 Microcontroler

- **Microcontroller Tetris** `[github link]`
  The classic game of Tetris implemented on a ESP32 micro-controller
  C++, ESP32 Microcontroler

- **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