

Jesse Both

Computer Engineer

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OBJECTIVE

To obtain a developer internship position.

EDUCATION

BS in Computer Engineering, University at Buffalo

Expected graduation: 2022

- 3.5 GPA

LEADERSHIP

Olean Cares, Walk for Crohn's and Ulcerative Colitis

Charity walk to raise awareness for Crohn's disease and UC and fundraise for the Crohns and Colitis Foundation

- Co-Founder

PROJECTS

Calendar ([Github](#))

Objective: Due to the pandemic all of my classes were moved online. In order to stay on schedule, I designed a calendar to keep on my counter top with a raspberry pi.

- Programmed in Scala to parse the calendar and weather and displays the information with HTML/CSS and Javascript

Least Euclidean Distance ([Github](#))

Objective: Calculate the least euclidean distance given a list of coordinates in a bin file.

- Programmed in MIPS assembly with python testing/pseudo code.

Tizen Development

Objective: Previously I designed watch faces with an app called WatchMaker. I wanted to redesign a previous design as a native watch face for my smartwatch.

- Programmed in C using a provided Tizen Template.
- Gained experience understanding unknown code.

Programming Languages

- Scala
- Python
- Javascript
- C
- SystemVerilog
- ASM (ARM & MIPS)
- Lua

Development Software

- VS Code
- IntelliJ
- Eclipse
- Emacs
- Git

Operating Systems

- Windows
- Unix/Linux

Hardware

- Arduino
- Raspberry Pi
- Tiva C
- 3D Printer

Software

- Fusion 360
- Excel
- AutoHotKey
- Multisim