

# Jesse Both

Computer Engineer

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(716) 218-9712

[jessebot@buffalo.edu](mailto:jessebot@buffalo.edu)

## OBJECTIVE

To obtain a developer internship position.

## EDUCATION

### BA in Computer Engineering, University at Buffalo

Expected graduation: 2022

- 3.39 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 Crohn's 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