

Aidan Loughney

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Education

University of Michigan, Ann Arbor, MI

B.S.E. Computer Science, *College of Engineering*

Sophomore, GPA: 3.36/4.0

Anticipated May 2023

Relevant Coursework: (Current) EECS 281: Data Structures and Algorithms, EECS 280: Programming and Introductory Data Structures, EECS 203: Discrete Mathematics, Math 215: Multivariable & Vector Calculus, AP Computer Science A

Leadership Experience

Student Mentor, Enlight

August 2020 – Present

- Assisting 40+ cohort members as they learn to code through projects by answering their questions and holding office hours
- Enlight is an online platform for learning to code by completing projects. Enlight hosts two-week cohorts where members complete a series of four projects as an introduction to programming.

Member, Hack Blue

October 2019 - Present

Program Lead, Hack Blue

January 2020 – March 2020

- Facilitated weekly sessions instructing students at peace neighborhood center in Computer Science concepts
- Hack Blue develops Computer Science curriculum that is utilized by members in weekly sessions introducing CS concepts to underprivileged middle school and high school students in the Ann Arbor area.

Troop Guide, Troop 290

September 2017 – September 2018

- Led a group of scouts in their first year as Boy Scouts and helped them acclimate to the troop
- Assisted the first year Scouts as they worked on different requirements involved in earning their first few ranks and merit badges

Project Experience

Portfolio Website, Personal Project

July 2020

- I built a personal website to serve as a digital portfolio for my personal programming projects.
- The website was built without a template using HTML, CSS, and JavaScript.

Office Hours Backend, School Project

November 2019

- I built a small web server for an Office Hours queue. The server read and wrote an HTTP subset on stdin and stdout. The finished project was a functioning web application accessible through a browser.
- The backend was assigned in EECS 280: Programming and Introductory Data Structures. The instructors provided a python server and students were tasked with writing and implementing a linked list and REST API to take in and send out requests.

Technical Skills

- Programming Languages: C++, Java, JavaScript
- Other: HTML, CSS, Git, Markdown, Latex

Honors

National AP Scholar – College Board

July 2019

Eagle Scout Award – Boy Scouts of America (Troop 290)

June 2018