Aidan Loughney

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Education

University of Michigan, Ann Arbor, MI   GPA: 3.36/4.0
Bachelor of Science in Engineering in Computer Science   Anticipated May 2023

Relevant Coursework: Data Structures and Algorithms, Programming and Introductory Data Structures, Discrete Mathematics, Multivariable & Vector Calculus

Leadership Experience

Enlight   Remote
Student Mentor   August 2020 – Present
- Assist 40+ cohort members as they learn to code through projects and hands on learning
- Address cohort members' questions about implementation details, debugging, and project ideation for their capstone projects

HackBlue   Ann Arbor, MI
Member   October 2019 - Present
Program Lead   January 2020 – March 2020
- Organized one of the programs offering a basic introduction to CS concepts for mainly underprivileged middle schoolers
- Facilitated weekly sessions as part of the program instructing students at peace neighborhood center in Computer Science concepts

Troop 290   Ada, MI
Troop Guide   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
- Built a personal website to serve as a digital portfolio for my personal programming projects
- Utilized HTML, CSS, and JavaScript to create pages displaying an introduction, past projects, and a contact form using Netlify forms

Office Hours Backend, School Project   November 2019
- Built a small web server for an Office Hours queue. The server read and wrote an HTTP subset on stdin and stdout
- Implemented a linked list and REST API to take in and send out requests
- The finished project was a functioning web application accessible through a browser

Technical Skills

- Programming Languages: C++, 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