

Hunter Muench

hmunen@umich.edu • 757-813-5315 • <https://www.linkedin.com/in/hunter-muench/>

Motivated student looking for an internship before beginning a one-year master's program in Fall 2024.

EDUCATION

University of Michigan

Ann Arbor, MI

Bachelor of Science in Engineering in Computer Science

May 2024

GPA 3.84/4.00

Coursework: Data Structures and Algorithms; Introduction to Computer Organization; Theory of Computation; Computer Vision; Machine Learning; Web Design, Development, and Accessibility; Operating Systems; Combinatorics; Network Systems; Quantum Programming

Computer Skills: C/C++, Python, HTML/CSS, JavaScript, PyTorch, Microsoft Office, Microsoft Power Platform

EXPERIENCE

Centene Corporation

Remote

Power Platform Developer Intern

May – Aug. 2023

- Created a dashboard for the Business Process Automation (BPA) Group to provide a quick way to summarize the current Microsoft Power Platform solutions they are working on
- Learned Microsoft Power Apps and Dataverse as well as other Microsoft Power Platform tools to create the dashboard in addition to understanding the tools the group uses
- Attended consultations with representatives from other departments to understand the BPA's intake and development process for Microsoft Power Platform solutions

University of Michigan

Ann Arbor, MI

Instructional Aide for Intro. to Computer Organization

Aug. 2022 – Apr. 2023, Aug. 2023 - Present

- Taught students in a weekly discussion section and lab section about Instruction Set Architectures (ISAs), CPU design, caches, and virtual memory in addition to programming in C and Assembly
- Held weekly office hours to assist students on homework and projects to improve students' understanding of concepts and enhance my skills in explaining the topics
- Discussed the meeting agenda and student concerns during weekly staff meeting to ensure course is running smoothly and to resolve any issues discovered

Research Assistant (Working under Dr. Xinyu Wang)

May – Aug. 2022

- Developed a top-down enumerative search algorithm to solve the problem of generating TensorFlow code from different inputs and the desired output
- Implemented the algorithm within a tool that works with user specified inputs and returns the generated code after processing the inputs and running the algorithm on the inputs
- Participated in weekly meetings with teammates to discuss algorithm, implementation of the algorithm in Python, and the theory of context-free grammar that underlies the project

ACTIVITIES

Tau Beta Pi – MI Gamma

Sept. 2022 – Present

Campus Outreach Officer

Dec. 2023 – Present

- Manage our 1-on-1 tutoring service to support engineering students in the introductory level courses
- Provide service and outreach events for the benefit the community and our organization
- Coordinate with other student organizations and departments to support different outreach events

Eta Kappa Nu – Beta Epsilon Chapter

Sept. 2021 – Present

Treasurer

Dec. 2023 – Present

- Collects payment from companies and members
- Manages our bank accounts and payments for different events
- Works with the other officers to raise money and manage the chapter's finances

President

Dec. 2022 – Dec. 2023

- Represent the organization to the University of Michigan, companies, and other organizations
- Chair general meetings to ensure no issues with presentations from officers and speaking companies
- Oversee the chapter officer corps and the internal workings of the chapter