

Christine Wu

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EDUCATION

University of Michigan

B.S.E. in Computer Science

Aug 2020 – May 2024

Ann Arbor, MI

- GPA: 3.41/4.00
- Dean's Honor List Winter 2022
- Relevant Courses: Elementary Programming Concepts, Programming & Introductory Data Structures, Discrete Mathematics, Data Structures & Algorithms, Foundations of Computer Science, Linear Algebra, Introduction to Computer Organization

EXPERIENCE

BP

May 2022 – August 2022

Software & Platform Engineering Intern

Chicago, IL

- Developed a web application to generate SQL queries for Trading & Operations to view contractual information and created 30%-time savings for business users during Force Majeure events
- Communicated with stakeholders and managers daily regarding the data requirements and minimum viable product as part of the Agile Methodology
- Introduced to AWS product(s) to create lambda functions to start/stop and host app on EC2 instance

Michigan Solar Car Team

Jan 2022 - present

Microsystems Team Member

Ann Arbor, MI

- Created a prototype for distributed maximum power point trackers to interface with the arrays on the solar car

Michigan Neuroprosthetics

Sep 2021 - present

Software Team Member

Ann Arbor, MI

- Implemented a machine learning program to classify EMG patterns based on amputee arm movements with over 70% precision, recall, and F1-score
- Collaborated with members of electrical team to develop design of prosthetic arm

Steps Tutoring

Sep 2020 – present

Private Tutor

New York, NY

- Curated personalized lesson plans for high school students according to their mathematical skill levels and pace of learning in preparation for various examinations
- Instructed and regularly met with students to clarify and review difficult concepts

PROJECTS

Stock Trading Simulation

- Programmed trading simulation to display both long-term and short-term trades, running medians, and optimal trading occurrences that result in the greatest profit

Natural Language Processing

- Wrote a program that used natural language processing and machine learning techniques to classify subjects of posts on a website

CERTIFICATION

JPMorgan Chase & Co. Virtual Experience Program Participant

January 2021

- Certification in Software Engineering Virtual Experience and completed task modules in interface with stock price data feed and displayed data visually for traders

SKILLS

- C/C++, Python
- Mandarin Chinese