

Frank Wang

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Education

University of Michigan

August 2020 - Current

College of Engineering, Computer Science, B.S.E.
G.P.A.: 4.0 / 4.0

Expected Graduation: May 2024
Ann Arbor, MI

Coursework: Web Systems, Database Management Systems, Machine Learning, Computer Organization, Data Structures and Algorithms, Foundations of Computer Science, Linear Algebra

Experience

Michigan Hackers (Student Organization)

September 2020 - Current

Vice President of Internal Affairs

April 2022 - Current

- Engaged 300+ students through weekly Hack Nights, company outreach programs, social events
- Managed a team of 20 leads to design projects beyond coursework for members
- Collected member feedback and established new initiatives to improve member experience

Android Core Team Lead

September 2020 - April 2022

- Created custom projects to train members in Android Studio software development fundamentals
- Led a team of 10 students to create an app to connect users with local restaurants

U-M Information and Technology Services

May - August 2021, May 2022 - Current

Identity and Access Management Developer Intern (2 summers)

- Transformed the university's web directory app, improving user experience and accessibility
- Upgraded the password recovery web app to improve security for university sponsored affiliates
- Analyzed a database of 100,000 entries to locate and resolve group naming conflicts
- Developed programs for perfSONAR, a network toolkit used by researchers worldwide
- Promoted to and continuing currently as a part-time developer

DEVIATE Research Project

January 2022 - Current

Technology Team Developer

- Investigated motion sickness in vehicles using machine learning to increase passenger comfort
- Enhanced an internal software used to label data for machine learning algorithms
- Developed a computer vision program to track head gaze in passengers to gauge motion sickness

Extracurricular Activities

The Michigan Daily, *Mobile App Developer*

January 2022 - Current

Tau Beta Pi (Engineering Honor Society), *Member*

January 2022 - Current

U-M Solar Car Team, *Strategy and Software Division Member*

September 2020 - December 2021

Skills

Soft skills: problem solving, leadership, active listening, project management, making connections

Hard skills: Python, Django, C++, Java, JavaScript, Angular, software development, machine learning