YIHUA SHEN

Ann Arbor, MI 48104   (248) 986-7262 | yihuashen10@outlook.com
https://yihuashen.github.io/   Linkedin
                                                                                                     Github

---

EDUCATION

UNIVERSITY OF MICHIGAN   **Expected Graduation: Spring, 2024**

Bachelor of Science in Computer Science, Bachelor of Arts in Psychology (GPA 3.8/4.0)

TECHNICAL PROFICIENCIES

Python, JavaScript (ES6), React, Django, C++, HTML, CSS, AGILE/SCRUM

PROFESSIONAL EXPERIENCE

University of Michigan Information and Technology Services   **05/2021 — 08/2021**
Software Development Intern
- Initiated the development of the interface within account management app using Django to track and manage Non-person Entity accounts across the university
- Conducted vulnerability assessments to identify security risks and enable further mitigation

MREN   **12/2020 — 02/2021**
Software Development Intern
- Primarily focused on the development of the frontend using React within the MERN stack
- Worked on developing a custom date picker feature within the application

Code Platoon   **10/2020 — 12/2020**
Software Engineering Teaching Assistant Intern
- Focused on offering extensive support to military veterans and spouses in learning full-stack web development in a Bootcamp setting
- The curriculum included: JavaScript, Python, PostgreSQL, React, Django

EXPERIENCES AND PROJECTS

perfSONAR Open Source Project   **Summer, 2021**
- Created psresponse and pstimer test and tool which allow users to get back response time of pScheduler which allows for the isolation of problems when debugging pScheduler
- The integrated contributions were built using Python and Unix command line tools.

CodePath Cybersecurity Participant   **Spring, 2021**
- Participated in a program developed in partnership with Facebook that focuses on teaching college students the fundamentals of web application security through hands-on experience