YIHUA SHEN

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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, Bootstrap, 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 NPE interface within account management app using Django and Bootstrap to track and manage Non-person Entity Accounts across the university
- Completed vulnerability assessments to identify security risks and enable further mitigation

MREN   **12/2020 — 02/2021**
Software Development Intern
- Completed the development of a custom date-picker feature within the application to allow for more functionalities and better integration
- Focused on the development of the web application using the MERN stack

Code Platoon   **10/2020 — 12/2020**
Software Engineering Teaching Assistant Intern
- Offered extensive support to military veterans and spouses in learning full-stack web development in a Bootcamp setting through monitoring student progress and providing feedback
- Assisted in the teaching of the curriculum that included JavaScript, Python, PostgreSQL, React, and Django by answering questions and providing guidance on coding challenges

EXPERIENCES AND PROJECTS

perfSONAR Open Source Project   **Summer, 2021**
- Created psresponse test and pstimer tool which allow users to get back response time of pScheduler, the central system for scheduling and provisioning network measurements
- Built the integrated contributions using Python and Unix command line tools

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