

YIHUA SHEN

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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 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