

Christopher Simon Liu

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SUMMARY

US Citizen, PhD Student specializing in Computer Systems Security, seeking Internships and Full-time positions

EDUCATION

The Ohio State University Columbus, OH
Ph.D. Computer Science Engineering Expected 2030
Advisor: Professor Carter Yagemann

The Ohio State University Columbus, OH
B.S. (Magna Cum Laude) Computer Science Engineering 2024

SKILLS

Programming: Python, C, C#, Java, JavaScript

Tools: Bash, Git, LaTeX, Docker, Excel

RESEARCH EXPERIENCE

The Ohio State University Columbus, OH
Graduate Fellow August 2025 – Present

- Maintained alignment with long-term research goals; Ensured mission focus in both solo and group projects
- Assisted Professor Carter Yagemann in W3CIL Lab on projects sponsored by DARPA

The Ohio State University Columbus, OH
Undergraduate Research Assistant October 2024 – August 2025

- Created a demo for a firmware vulnerability analysis tool
- Presented to DARPA program managers and partners at Battelle
- Challenged ideas and made plans to incorporate the work of other students
- Created simulations for detecting fault injection vulnerabilities in binaries
- Operated as the de facto recruiter for the W3CIL lab; Helped identify and onboard new students

PROFESSIONAL EXPERIENCE

Intel Corporation Remote, USA
Software Intern January 2023 – August 2023

- Enhanced proactive problems solving skills in an extended AGILE software development internship
- Researched, experimented, and documented the containerization process
- Managed communications with an end customer while developing my own website module
- Trained and supported a new intern: Handled the stress of colleagues with empathy
- Independently Screen wrote an idea for a spoof promo video based off a company inside joke
- Pitched funny ideas to coworkers, managers, and a chief of staff

Symposium Finance Incorporated Columbus, OH
Cofounder/Developer August 2020 – May 2021

- Built and deployed a Python Website on AWS cloud
- Managed outreach: Competed in university startup competitions

TEACHING EXPERIENCE

The Ohio State University Columbus, OH
Undergraduate Teaching Assistant September 2022 – December 2022

- Graded assignments for a Data Structures and Algorithms course
- Assisted Professor Nick Painter during office hours and in the flipped class

LEADERSHIP AND SERVICE

Volunteer at St. Stephen's Mid-Ohio Foodbank