

Matthew Chandran

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SUMMARY

Computer and Information Science major at the Ohio State University with a specialization in Information Computation Assurance. Coursework in Data Structures and Algorithms, Low Level Programming, Operating Systems, and Web Applications. Strong critical thinking and problem-solving skills. Committed to furthering my education and experience to prepare for a career in Technology.

SKILLS

Programming Languages: Ruby, JavaScript (ES6+), Java, C, Python

Frameworks & Libraries: Ruby on Rails, React

Web Technologies: HTML5, CSS3, HTTP, RESTful APIs, JSON

Databases: SQLite

Development Practices: MVC, OOP

Version Control: Git & GitHub (<https://github.com/mlchandran23>)

Operating Systems: Windows, Linux

Documentation: Code documentation, Capture-the-Flag Writeups

EXPERIENCE

Undergraduate Teaching Assistant | Ohio State University | Columbus, OH | January 2026 - Present

- Student Grader and Teaching Assistant for course CSE 3901: Project Web Apps. Grade assignments as well as group projects for students that are taking the course. Configure GitHub organization for the class as well as helping students with issues.

- **Key Technologies:** GitHub Organization

Buckeye CTF | Ohio State University | Columbus, Ohio | November 2025

- Competition to solve different cybersecurity related challenges (cryptography, web exploits, forensics) within a time limit against other Ohio State Students.

- **Key Technologies:** Linux/Bash, Python

Hack Ohio (Hackathon) | Ohio State University | Columbus, Ohio | October 2025

- Developed a web application prototype to provide users with a map of open library space on Ohio State Campus. Solved a modern issue within a time limit with a team of other Ohio State students.

- **Key Technologies:** React, Vite, TypeScript, CSS3, HTML5, GitHub

Information Systems Job Shadow | Firelands Regional Medical Center | Sandusky, Ohio, USA | January - April 2023

- Shadow of the Information Systems department at FRMC to gain experience as to what it is like to work in the field of technology. Walkthrough of different software and hardware that is used, and hands on experience with solving sample ticket requests.

- **Key Technologies:** Ticket Management System

EDUCATION

Bachelor's degree in Computer and Information Sciences | 3.75 | The Ohio State University | Columbus, OH, USA | August 2023 – Present (estimated May 2027)

- **CTF Lead | Cyber Security Club** | Plan and manage Capture-The-Flag competitions that the club attends, as well as facilitate hands-on cyber security challenges to strengthen relevant skill sets.

Highschool Diploma | 4.3 | Perkins Highschool | Sandusky, OH, USA | August 2019 – May 2023