Adam Ryan

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Education

Master's of Science in Computer Science and Engineering
The Ohio State University

Aug 2024 – May 2025
Columbus, OH

Bachelor's of Science in Computer Science and Engineering
The Ohio State University, Cum Laude ⧉

Aug 2021 – May 2024
Columbus, OH

Professional Experience

Associate Software Engineer
Fidelity Investments ⧉

present
Durham, NC

Fullstack Engineer Intern
Fidelity Investments ⧉

Jun 2024 – Aug 2024
Covington, KY

- Developed UI components using Lightning Web Components and JavaScript.
- Designed and implemented an entry point dashboard for Fidelity Executive Sponsor Accounts using Salesforce CRM Analytics and data flows (recipes).
- Exposure to Agile, Scrum, and the general software development cycle.
- Influenced UI/UX components by creating variations for AB Testing.
- Refactored major existing JS into readable and fast code, reducing load times for release.

Research Assistant
The Ohio State University

Aug 2023 – May 2024
Columbus, OH

- Authored an asynchronous web scraping script to collect and process API data to and from categorized and decentralized databases.
- Implemented a well-designed SQLite database to house over 3 million daily records.
- Optimized SQL queries to improve read time by up to 75%.
- Created a scheduler for application to handle variable schedules and timing, reducing redundant records by more than 50%.

Software Developer
RxGames

May 2022 – Aug 2023
Columbus, OH

IT Systems Student Assistant
The Ohio State University

Nov 2021 – May 2022
Columbus, OH

Certifications

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional ⧉

2024

Research & Projects

Compare Thing

2024

Created an interactive Angular web app utilizing Angular.js and Firebase App Hosting to help users compare and contrast product options side-by-side to promote better purchasing decisions.

Gobble Gadget

2024

Project lead and developer on senior capstone project using machine learning techniques and recommendation algorithms to pair users with recipes they have a high likelihood of enjoying. Built in VueJS, Django, and Elasticsearch.

Online Liquidation Auction Tracker (Web)

2023

Creator of online auction tracking software (React/Node, Python, Selenium, Flask)

News Article Evaluator

2022

Ohio State's HackAI 4th place winning News Article Legitimacy Evaluation Tool (BERT, Python)

Skills

Languages: x86-64 Asm | C | C++ | C# | Java | Python | JavaScript | Ruby | Lua | MySQL

Services & Tools: Azure | Git | GitHub | Vim & Neovim & Nano | GDB | GCC | Linux | macOS | Windows | Unit Testing (JUnit)

Frameworks: Node | Express | React | Next | Vue | Quasar | Angular | SQLite | ASP/.NET | Rails