

Christopher West

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EDUCATION

Rochester Institute of Technology (RIT)

Bachelor of Science in Software Engineering

GPA: 3.6

May 2027 | Rochester, NY

PROFESSIONAL EXPERIENCE

Ridgeline International, LLC

Software Engineering Intern

Jun 2024 – Dec 2024 | Tysons, VA

- Contributed to the development of the company's software suite, implementing multiple new features and enhancements on both the frontend using **Angular** and the backend using **Java** and **Spring**
- Collaborated closely with a small team of full-time engineers, utilizing **GitLab** for version control and **Jira** for task management and sprint planning within a **SAFe** Agile framework
- Regularly participated in stand-up meetings, providing progress updates to the product manager and development team
- Worked with my team to increase API code coverage by **15%** through unit testing

PROJECTS

Teach Me (HACK.COMS '24)

Nov 2024

- Collaborated in a team to develop a mentorship platform aimed at connecting ALANA students with academic mentors
- Designed and implemented a full-stack web application using **ReactJS** for the frontend and **Express** for the backend
- Integrated a **MySQL** database to store and manage mentorship requests, enabling mentees to easily connect with available mentors

Imprint

Apr 2024

- Developed a video game for the Quackbox using **Python** and the **Pygame** library, featuring gameplay mechanics inspired by Snake, where a mother duck collects bread to spawn ducklings
- Implemented high score tracking by reading and writing to a JSON file for persistent storage
- Imprint was presented at Imagine RIT, where over **100** people were exposed to and played the game

Comix

Feb 2024

- With a team, designed and implemented a comic app to track a comic book collection
- Used UML diagrams, sequence diagrams, and design patterns such as Strategy and Composite to model the application
- Responsible for implementing the Comix API, used for inter-subsystem communication using **Java**

Nightclub

Dec 2023

- Developed a dynamic nightclub management website, enabling users to create, edit, and delete nightclubs with real-time occupancy tracking functionality
- Built the backend using **Flask** and **PostgreSQL**, and developed the frontend with **ReactJS** for a cohesive web application experience
- Employed responsive design principles to ensure the website seamlessly adapts to both mobile and desktop platforms

Rush Hour

Dec 2022

- Developed an engaging Rush Hour puzzle game using **Java**
- Created the GUI using **JavaFX**
- Integrated a Breadth-First Search (BFS) solver algorithm to provide hints and solutions for challenging puzzles

SKILLS

Programming Languages

Java, Python, C, JavaScript, TypeScript, HTML, CSS, SQL

Tools and Frameworks

PostgreSQL, Angular, Flask, ReactJS, Spring, Gradle, Maven, Git, Docker

Methodologies

Agile, Waterfall, Scrum, Scaled Agile Framework (SAFe)

ORGANIZATIONS

Computing Organization for Multicultural Students (COMS)

Aug 2022 – Present | Rochester, NY

Technical Projects Chair

- Engage in an organization committed to empowering underrepresented students in computing
- Leader of tech projects, a committee focused on enhancing skills and driving project initiatives
- Oversee project managers across embedded systems, hardware, and full-stack web apps
- Increased attendance in the tech projects committee by **162%**