

OBJECTIVE

Computer Science student with experience in full-stack development and systems programming (C, MIPS). Seeking a Spring 2026 co-op to apply skills in building robust, optimized software solutions. Eager to leverage background in database design and collaborative project management to support technical teams in achieving complex development goals.

EDUCATION

Rochester Institute of Technology

August 2022-Present

Bachelor of Computer Science

Rochester, NY

SKILLS

- Programming Languages:** Java, Python, C, C#, Html, Css, TypeScript, Javascript, Rust, PostgreSQL, MIPS assembly
- Operating Systems:** Microsoft Windows, Unix/Linux, Mac OS
- Experience using Angular, React, React Native, Java Spring, Apache Maven, Git, Docker
- Strong desire for solving puzzles and learning
- Ability to work efficiently independently or with co-workers

INDEPENDENT PROJECTS

Multiplayer Game: “Midnight Machinations” | <https://github.com/mafia-rust> | December 2023 – present

- Partnered with a team to design, develop and maintain a complex online multiplayer game
- Led mechanical design and balance team
- Developed a **Rust**-based server with a **TypeScript/React** client interface
- Database integration with **PostgreSQL**
- Employed Github as version control to manage code and create/assign tasks and issues

MIPS Assembly Game | November 2024

- Implemented the “British Square Game” in **MIPS assembly**
- Strengthened applied knowledge of memory management, registers, and computer architecture

PDM Application | March 2024

- Created a database-driven application using **JavaFX** for the frontend and **SQL** for data management
- Applied skills in **Java** GUI development, database integration, and application design

WORK EXPERIENCE

Walmart | Pittsburgh, PA | June 2020 – September 2021

Associate

- Learned and followed all store policies and procedures
- Worked in a high-stress, fast paced environment
- Communicated effectively to coworkers and customers

American Campus Community | Rochester, NY | June 2025 – September 2025

Seasonal Operations Assistant

- Worked quickly while under pressure to help the team work efficiently and successfully
- Demonstrated communication skills when dealing with customers and staff