

## 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

**PDMAApplication** | 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