Robert Walling

Third-Year Software Engineering Student at RIT.

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rwalling21.github.io/RW-Portfolio/

EDUCATION

Rochester Institute of Technology

August 2021 - Present

- Pursuing a Bachelor of Science in Software Engineering
- Honors Student
- Performing Arts Scholar
- New Member Educator of Sigma Alpha Mu

EXPERIENCE

Web Developer – ITS Resnet, Rochester NY

May 2023 - Current

- Engineered reactive frontend using React.JS and TypeScript
- Engineered REST API using PHP Slim 4 and MariaDB
- Integrating end-to-end tests using Playwright

Support Technician – ITS Resnet, Rochester NY

July 2022 - May 2023

- Performed hardware diagnostics and repair
- Performed software troubleshooting and repair
- Interacted with RIT faculty to resolve technical issues

ACHIVEMENTS

Sigma Alpha Mu Polesit

August 2022

- Raised $6,256.92 for the Make-A-Wish Foundation in 5 days
- Responsible for planning and executing a 24 hour a day, 5 day philanthropy event
- Exhibited strong leadership skills

Dean's List, Fall Semester 2021

SKILLS

- Object Oriented Design
- Software Design Patterns
- Project Management
- Clean Code Fundamentals

Tools

- Java, TypeScript, Python, C++
- React, Angular, NodeJS
- Git, Gitlab
- MariaDB, MySQL, SQLite

PROJECTS

Web Portfolio

- Created a web portfolio to showcase personal projects and skills
- Engineered a reactive frontend using React and Chakra-UI
- Created smooth and elegant animations using framer-motion

Comix

- Designed and implemented a Java application for storing and filtering comics
- Applied Object Oriented Design Patterns to a complex problem
- Learned how to design UML Class Diagrams, Sequence Diagrams, and Domain Models
- Worked as a team to apply design best practices to application architecture