

Zoe Bingham

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EDUCATION

Rochester Institute of Technology

Software Engineering — Presidential Scholar

Rochester, New York, USA

August 2020 - December 2024

TECHNICAL SKILLS

Programming Languages: Java, Javascript, Typescript, Python, C#, SQL

Libraries and Tools: Git, VirtualBox, AWS, Docker, pgAdmin, MySQL Workbench, Mongoose

Frameworks: Vue3, Angular, React, Express, Node, BulmaCSS, Bootstrap, SpringBoot

WORK EXPERIENCE

VRx Software Engineer

LenelS2 @ Carrier, Pittsford, New York

January 2024 - Current + January 2023 - August 2023

- Leading the implementation of Vue 3 refactors on a large-scale front end code base to improve performance and code maintainability.
- Acting as a mentor and resource for co-ops, offering insights and expertise that contribute to their professional growth and development.
- Implementing new features and enhancements in both front end and backend applications to meet project requirements and deadlines

Web and Software Developer

Poseidon Systems, Victor, New York

August 2023 - January 2024 + August 2022 - January 2023

- Demonstrated exceptional problem-solving skills by resolving over 60 complex issues and features within a tight 4-month time frame.
- Demonstrated ability to update and maintain comprehensive API documentation to ensure accuracy and relevance.
- Collaborated with team members to review code quality, provide feedback, and suggest improvements to enhance software performance.

Supplemental Instruction Leader

Rochester Institute of Technology, Rochester, New York

August 2021 - May 2022

- Led engaging and interactive study sessions to encourage active participation and critical thinking among students.
- Monitored and assessed individual student progress to provide personalized support and guidance for academic improvement.
- Collaborated with peer leaders to develop new strategies and resources for enhancing the quality of supplemental instruction programs.

ACHIEVEMENTS

- **Best Sustainability Hack — CSH Hacks 2023**, Developed an AI powered, sustainable travel assistant in the span of 24 hours, in an interdisciplinary team of 3. [DevPost](#)
- **Best Use of Scripting — WicHacks 2023**, Produced a grocery tracking and reminder app within the 24 hour hackathon time limit in a team of 3 [DevPost](#)
- **Best Use of GoogleCloud — BrickHacks 2023**, Constructed a mood tracking application based on Spotify playlists in the span of 24 hours with 2 other developers. [DevPost](#)
- **1st Place — T4T Social Good Hackathon 2020**, Developed an educational game aimed at improving literacy skills in children of all ages with 1 other developer in the span of 24 hours [Announcement](#)

PROJECTS

- **Time Survey Break**, Developed an application to take time availability input and group role to determine the best schedule. [GitHub](#)

WORKSHOPS

- **Incorporating AI into your Project using OpenAI** - Speaker @ BrickHacks 2024
- **What the Hack!?** - Speaker @ Golisano College of Computing and Information Sciences 2024

EXTRACURRICULAR ACTIVITIES

- **Tech Projects Committee Head** in Computing Organization for Multicultural Students - January 2024 - Current
- **Public Relations Officer** in RIT Vegan Club - August 2023 - December 2023