Zoe Bingham

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EDUCATION

Rochester Institute of Technology   **Rochester, New York, USA**
Software Engineering | Presidential Scholar   *August 2020 - December 2024*

TECHNICAL SKILLS

Programming Languages: Java, Javascript, Typescript, Python, C#, SQL
Frameworks & Libraries: React, Vue3, Angular, Express, Node, BulmaCSS, Bootstrap, SpringBoot
Tools: Git, AWS, VirtualBox, Docker, VSCode, Postman, pgAdmin, MySQL Workbench

WORK EXPERIENCE

VRx Software Engineer
LenelS2 @ Carrier, Pittsford, New York   *January 2023 - August 2023 + January 2024 - Current*

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

Web and Software Developer
Poseidon Systems, Victor, New York   *August 2022 - January 2023 + August 2023 - January 2024*

- Demonstrated exceptional problem-solving skills by resolving over 60 complex issues and features within a tight 4-month time frame.
- Produced comprehensize API documentation in order to ensure the maintenance of relevant, clear, and accurate documentation.
- 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*

- Facilitated 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 instructon programs.

ACHIEVEMENTS

- **Best Sustainability Hack | CSH Hacks 2023**, Developed an AI powered, sustainable travel assistant in the span of 24 hours, in an interdisciplary 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

- **ApolloLink**: *Angular | OpenAI | Node*: A health monitoring web application that tracks the user's health using live data from any wearable health tracking device. GitHub | Devpost
- **Voyage**: *Angular | Node | OpenAI*: A travel assistant web application that leverages the power of AI to assist users with planning out sustainable travel plans. GitHub | Devpost
- **BrickVibes**: *Angular | OpenAI | SpotifyAPI | Twilio*: A web application analyzes Spotify playlists to determine the mental state of the listener and sends the analysis and suggestions to the user GitHub | Devpost
- **Inventori**: *Angular | Node | Express*: A grocery assistant web application that generates alerts when quantities of grocery items are running low and generates a suggested grocery list. GitHub | Devpost
- **Time Survey Graph**: *React | D3js | Node*: A meeting arrangement tool that helps determine the best meeting times based availability and weighted roles. 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