Zoe Bingham

📞 509 552 3167   @ zmb6893@g.rit.edu

Education

ROCHESTER INSTITUTE OF TECHNOLOGY

BA in Software Engineering

📅 May 2025   📍 Rochester, NY

- Presidential Scholar
- Third Year Student

Links

- GitHub **zmb6893**
- Linkedin **zoe-bingham**
- Website **zoe-bingham.com**

Coursework

- Engineering of Software Subsystems
- Software Process and Project Management
- Web Engineering
- Software Development and Problem Solving I & II
- Personal Software Engineering
- Intro to Software Engineering
- Critical Thinking
- Computational Problem Solving

Skills

PROGRAMMING

Java • Python • C • Visual Basic • Javascript • ReactNative • ReactJS • mySQL • postgreSQL • Spring • Angular • Vue • MongoDB • GraphQL • InfluxDB • C++

MISCELLANEOUS

Git • Trello • VSCode • AWS • Postman • pgAdmin • vim • VirtualBox • Arduino • VirtualBox • Unity

Extracurriculars

MANAGER, RIT VEGAN CLUB

Aug 2021 - Dec 2022

- Organize events and activities for the club.
- Outline requirements and goals for campaign and events
- Collaborated with board members to come up with events.

COMS

January 2023 - Present

- Engage in weekly meetings.
- Provide guidance to help underclassmen navigate academic and personal challenges.

Experience

SOFTWARE/WEB DEVELOPER

Poseidon Systems

📅 Aug 2023 - Present | Sep 2022 - Jan 2023   📍 Victor, New York

- Utilized browser debugger and inspector tools for effective troubleshooting and issue resolution.
- Implemented organizational strategies to enhance work focus and efficiency.
- Partnered with the product manager to address challenges and enhance features in the real-time condition monitoring system.

SOFTWARE ENGINEER

Carrier-LenelS2

📅 Jan 2023 - Aug 2023   📍 Pittsford, New York

- Engineered user interfaces in Vue.js, Angular, ASP.NET, and JavaScript to access functionality implemented in the backend.
- Actively participated in code reviews, stand ups, and iteration planning meetings to ensure the delivery of high-quality code.
- Enriched application functionality by adding API endpoints using Spring in the Java layer of the application to access the state of the application.

SUPPLEMENTAL INSTRUCTION LEADER

Rochester Institute of Technology

📅 Aug 2021 - May 2022   📍 Rochester, New York

- Organized and facilitated one-hour group study sessions for students enrolled in RIT's most challenging courses.
- Took comprehensive notes and prepared study materials for students.
- Shared experiences and insights with fellow supplemental instruction leaders during weekly training sessions.

Competitions

WiCHacks

📅 March 2023   📍 Rochester, New York

- Awarded first place in the Best Script track.
- Collaborated with 2 other members for a 24-hour effort on "Inventori," a grocery management system that tracks quantities, updates statuses, and generates optimal shopping lists.
- Implemented using Arduino, Angular, and NodeJS.

BrickHacks

📅 February 2023   📍 Rochester, New York

- Awarded first place in the Best Use of Google Cloud track as part of our team's achievement.
- Collaborated with 3 team members on a 24-hour project to develop a mood-detecting app using the user's recently played Spotify songs.
- Implemented using JavaScript, NodeJS, Spotify API, OpenAi API, and Twilio API.

Recent Projects

COMIX, ACADEMIC TEAM PROJECT

Rochester Institute of Technology

📅 Jan 2022 - May 2022   📍 Rochester, New York

- Allows users to store, favorite, and sort a library of comics.
- Practiced strong use of object oriented design patterns and principles.
- Implemented using ReactJS, PostgreSQL, Spring, and Java.

TIME AVAILABILITY GRAPH, PERSONAL PROJECT

Rochester Institute of Technology

📅 Dec 2021 - March 2022   📍 Rochester, New York

- Developed a solution that transcribes time availability data from a Google Form into a calendar view grid, intelligently suggesting optimal meeting times by factoring in role priority and response quantity.
- Implemented using Python, ReactJS, and D3.js.