Zoe Bingham

509-552-3167 | zmb6893@g.rit.edu | github.com/zmb6893 | linkedin.com/in/zoe-bingham

Education

Rochester Institute of Technology   **Aug. 2020 - Expected May 2025**
- Software Engineering, Bachelors of Science Degree   *Rochester, NY*
- Rochester Institute of Technology Presidential Scholar

Experience

***Supplemental Instruction Leader*, Software Development & Problem Solving I & II**   **Aug. 2021 - Present**
- Facilitate one hour group study sessions among students in some of RIT's most challenging courses.
- Take notes during class lectures and prepare study material for students.
- Share experiences with other supplemental instruction leaders during weekly training sessions.

Projects

***Project Manager, MiXR,* Team Project**   **Feb. 2022 - Current**
- Implementing using ReactNative, MySQL, Spring, AWS and Java.
- Allows users to create and share drink mixes with each other with a built in QR code function for sharing.
- Incorporating agile development processes.
- Coordinating operations between each team.

***Time Availability Graph*, Personal Project**   **Dec. 2021 - Mar. 2022**
- Implemented using Javascript, ReactJS, nodeJS, and d3.js
- Transcribes a google form for time availability into a calendar view graph to display a weighted view of schedule. Weight is determined by likelihood of attendance and quantity of responses for each time and day.

***WebCheckers,* Academic Project**   **Aug. 2021 - Dec. 2021**
- Exercise agile development methodology to collaborate with four peers in the development of a web-based checkers application using Java, the spark framework, and maven.
- Used the JUnit testing framework and mockito framework for testing.
- Practice of thorough documentation through creating uml domain models, class diagrams, and sequence diagrams.

Activities

***Manager*, Rochester Institute of Technology Vegan Club**   **Aug. 2021 - Present**
- Organize events and activities for the club.   *Rochester, NY*
- Outline requirements and goals for campaigns and events.

***Member*, Rochester Institute of Technology Society of Software Engineers**   **Aug. 2021 - Present**
- Participate in weekly meetings.   Rochester, NY

***Member*, Rochester Institute of Technology Women in Computing**   **Aug. 2021 - Present**
- Engage in weekly meetings.   Rochester, NY

Skills

Programming Languages/Frameworks: Python, Java, C, Visual Basic, Javascript, ReactNative, ReactJS, mySQL, PostgreSQL, Spring
Software Tools: Git, VSCode, Postman, pgAdmin, XCode, VirtualBox, Arduino, Eclipse, vim
Technical Skills: Multi-threading, REST/HTTPS API calls, Source Control, Unit Testing