

# MingFeng Zhong

[mingfz0.github.io](https://mingfz0.github.io)

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## Objective

Dedicated and passionate software engineer that is actively looking for more opportunities to develop experience in AI Development, Web Development and Software Testing . Seeking internships for summer-fall 2025 and 2026.

## Skills

Languages:	English, Mandarin, Cantonese
Programming Languages:	HTML, CSS, Javascript, Python, Java, C, C++, C#
Frameworks:	React, Angular, Spring Boot, Flask, Bootstrap
Database:	PostgreSQL, MySQL
Development Platform:	Unity, JATOS

## Education

### Rochester Institute of Technology (RIT)

(Aug. 2023 - May 2028)

- Major: Bachelor of Science in Software Engineer B.S
- GPA: 3.20
- Related Courses: Web Engineering, Intro To Software Engineering, Engineering of Software Subsystems

## Projects

### Nutri-app - Engineering of Software Subsystems

(Jan. 2025 - Apr. 2025)

- Created a terminal-based application using **Java** for users to manage daily nutrition intake and manage workouts
- Utilized many **Gang of Four design patterns** to improve code adaptability and lowered coupling between subsystem
- Revitalized a disjointed team of 5 from a lack of collective efforts to improved communication and higher work quality

### U-Fund Save The Bees Project - Intro To Software Engineering

(Oct. 2024 - Nov. 2024)

- Worked together in a team of 5 to create a fullstack charity website using **Java**, **Spring Boot** and **Angular**
- Followed an **agile** development process and delivered the final product across in sprints
- Utilized **JaCoCo** to conduct in-depth code coverage analysis and code review.

### Combo Tutorial Game - Personal

(May. 2024 - Jul. 2024)

- Attempted to recreate fighting game mechanics within **Unity**
- Incorporated **OOP design patterns** and **subsystems** to achieve object modularization within the code architecture
- Created custom inspector code to import and export complex data structures into scriptable objects at runtime

### Student Research Web App - Mentorship

(Apr. 2022 - Apr. 2023)

- Created an interactive website using **Just Another Tool For Online Studies (JATOS)** to conduct online research projects
- Utilized **Apache** to run the site on a proxy configuration on **Amazon Web Services** to achieve encryption
- Managed basic IP address transfers and records

## Leadership Experience

### AP Statistics Tutor at Midwood High School

(Mar. 2023 - May 2023)

- Created a full course study guide for students to use
- Assisted the teacher during class with extra supporting resources

### Online Research Programmer at Midwood High School - Mentorship

(Apr. 2022 - Apr. 2023)

- Worked with high school students to create interactive surveys and experiments for their research project
- Utilized **HTML** and **JavaScript** to create individual web pages and **JATOS** to gather statistics and survey responses
- Worked in sprints and frequently meet up with the project owners to discuss new changes and feedback