

Ziye Wang

Portfolio: <https://ziyew-zz.github.io/Ziye-Portfolio/> GitHub: <https://github.com/ZiyeW-zz>

Education – GPA 3.80

Northwestern University, Evanston IL

Expected Graduation June 2026

Bachelor of Arts - Computer Science, Human-Computer Interaction Certificate

Relevant Coursework: Data Structures & Algorithms, Multivariable Calculus, Linear Algebra, Computer Graphics, Introduction to AI, AI and Experimental Narrative, Human-Computer Interaction

Skills

User Interface & User Experience Skills

- Figma, Javascript, CSS, TypeScript JSX, HTML, Swift
- IOS app development with XCode
- Experience with website development using Ghost.org, Wix, Wordpress, Webflow, React.js, and Mantine

Software Development & Languages

- Object Oriented Programming languages (Python, C++, C#)
- Node.js, Yarn, Flask

Additional Skills

- Jira, Monday, Gantt workflow experience
 - Proficiency in Japanese, Chinese, & English
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Relevant Experience

Lead Mobile UI and Frontend Developer – Roombee, Evanston IL

October 2023 - Present

- Developed IOS frontend using SwiftUI for the purpose of launching in September 2024 to assist college Resident Assistants and students with their housing and roommate needs.
- Refactored app into the Model and the View-Model. Implemented authentication, navigation, announcements feed, and roommate calendars among other features.

Database Developer – Snurr Research Group, Evanston IL

June 2024 - Present

- Designed and launched a MySQL database that parses tabular data from metal organic framework simulations. This relational database also works with a computer's local file storage system for convenient .cif file retrieval and regularly updates to a remote supercomputer for backup.
- Writing backend scripts to the computer terminal for integrated file versioning and communication between MySQL and file storage.

Webmaster - The Daily Northwestern

January 2024 - March 2024

- Managed Northwestern University's campus newspaper on Wordpress.
- Coordinate with both Editorial and SPC board to design the Daily's web pages.

Business & Finance Board member - Responsible AI Student Organization

Sept 2023 - Present

- Led a committee that develops RAISO's website for the purpose of broadcasting the organization's events and information.

CovED Labs Tutor & Web Developer - CovED

Feb 2023 - Sept 2023

- Hosted remote, week-long coding summer camps for students under two organizations that CovED partnered with.
- Collaborated with MIT's Code for Good organization to develop and incorporate mentor-mentee matching algorithms into the CovED website so that the leadership can move away from manual sorting.
- Implemented the dashboard using TypeScript, Mantine, CSS, and React.

Publicity Committee Head - Celebrasia

Dec 2024 - Mar 2024

- Charged the creation and deployment of media to promote Northwestern University's largest cultural event, which celebrates Asia and the Asian diaspora.
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Awards

Hackathons

WildHacks - April 2024

- Awarded the Best Technology award at Northwestern's largest hackathon. Created a fullstack IOS app called "Mood Genie" which functions as a music social connection app that uses Spotify API to generate personalized playlists profiles. As a fullstack developer for this project, I created the entire frontend using Swift, while also contributing to the backend by connecting Xcode to the python backend using Flask.

FreshHacks - October 2023

- Awarded first overall in the hackathon. My team and I developed an app using Xcode called Roombee.