Ziye Wang

Education

Northwestern University

Expected Graduation June 2026

Major – Computer Science (BA), Human-Computer Interaction Certificate

GPA – **3.82**

Relevant Coursework: Fundamentals of Computer Programming I & II, Data Structures & Algorithms, Multivariable Calculus, Linear Algebra, Computer Graphics, Computer & Natural Vision, Introduction to AI, AI in Narrative

Fayetteville-Manius High School

GPA – **101.4**

Experience

Roombee - *Lead UI and Frontend Developer* - October 2023 - Ongoing
- A startup based in Northwestern's Garage.
- My role as design lead and technical team member led me to utilize AWS as our hosting platform and I am currently developing the frontend with the hope of launching in the fall for college students.

The Daily Northwestern - *Webmaster* – January 2024 - March 2024
- Managed Northwestern University's campus newspaper on Wordpress.
- Worked with both Editorial and SPC board to design the Daily's web pages.
- I have a strong interest in global institutions, especially finance, economy and culture. Journalism serves as my gateway to stay updated with the latest global developments.

Responsible AI Student Organization – *Business & Finance Board member* – Ongoing
- Works in a committe that develops RAISO's website.
- Website launched with Webflow.
- In charge of fixing bugs and implementing more advanced computer graphics aimed to improve user experiences.

CovED – *CovED Labs Tutor & Web Developer* – Feb 2023 - Present
- Hosted remote, week-long coding summer camps for students under two organizations that CovED partnered with.
- Working with a team to develop and incorporate mentor-mentee matching algorithm into the CovED website
- Using TypeScript, Mantine, CSS, and React to implement the dashboard.

Celebrasia – *Publicity Committee Head* – Dec 2023 - Present
- In charge of generating and sharing media to promote Northwestern University's largest cultural event, which celebrates Asia and the Asian diaspora.

Awards

Hackathons

WildHacks - April 2024
- Created a fullstack app called "Mood Genie " which functions as a music social conenction app that uses Spotify API to generate personalized playlists profiles. With this app, my team and I won the Best Technology award.
- As a fullstack developer for this project, I created the entire frontend, while also contributing to the backend by connecting xcode to the python backend using Flask. This project used SwiftUI in the frontend, and Flask and Python in the backend.

FreshHacks - October 2023
- Placed first overall in the hackathon. My team and I developed an app using Xcode called Roombee. See "Projects" or go to my portfolio for more details.

Skills

- Object Oriented Programming languages (Python, C++, C#)
- Figma, Javascript, CSS, TypeScript JSX, Mantine, HTML, SwiftUI
- App development with XCode
- Jira, Monday, Gantt workflow experience
- Expert use of Adobe Illustrator, Premiere Pro, Lightroom and Procreate
- Node.js, Yarn, Flask
- Blender, WebGL
- Experience with website development using Ghost.org, Wix, Wordpress, Webflow, React.js, and Mantine

Portfolio: https://ziyew-zz.github.io/Ziye-Portfolio/