

---

# Ziye Wang

---

## Education

### *Northwestern University*

Expected Graduation June 2026

Major – Computer Science (BA)

GPA – **3.80**

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

### *Fayetteville-Manius High School*

Graduated June 2022

GPA – **101.4**

---

## Experience

### *Hackathons*

#### WildHacks - March 2023

- Created a pseudo-app using Xcode's storyboard called "Drizzle", which tracks your water usage and calculates the environmental impact of the user's showers

#### FreshHacks - October 2023

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

#### North by Northwestn - *Webmaster* – August 2023 - Present

- Manage posts and ad profits earned on the NBN website using Google AdSense and Ghost.org
- Creating a new website using Wordpress for NBN
- Works with the Editor in Chief to regulate the flow of articles onto the website

#### Responsible AI Student Organization – *Business & Finance Board member* – Ongoing

- Works in a committee that develops RAISO's website
- 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, 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.
- 

## Projects

- Roombee.** – An app that my team and I created for FreshHacks. I utilized SwiftUI to connect the app functions with graphics that I created and implemented into the product. The app itself is fully functioning and assists roommates in tracking each other's schedules to minimize disruption.
  - Basic GPS** – Employed data structures and algorithms for efficient data sorting and manipulation. This project enhanced my understanding of complex programming concepts and data handling
  - CovEd website revamp** – Me and a team of developers from other universities are working to write a program and redesign CovEd's website to incorporate an automated mentor-mentee matching algorithm and user dashboard.
- 

## Skills

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>Python</li><li>C, C++</li><li>Javascript, CSS, TypeScript JSX</li><li>C#, Unity</li><li>Swift UI</li><li>Microsoft and Google tools</li><li>Experience with website development using Ghost.org, Wix, Wordpress, Webflow, React.js, and Mantine</li></ul> | <ul style="list-style-type: none"><li>WebGL, HTML</li><li>Github</li><li>XCode</li><li>Figma</li><li>Proficiency in Adobe Illustrator, Premiere Pro, Lightroom and Procreate</li><li>Node.js, Yarn</li><li>Chinese, Japanese, and English proficiency</li></ul> |
|---|---|
-