

Xinyue Zhang

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EDUCATION

Northwestern University- Evanston, IL
Bachelor of Science in Computer Science
Data Science and Engineering Minor
GPA: 4.00/4.00

Anticipated Graduation: June 2026
Dean's List Recipient

Highland Park High School - Highland Park, IL
GPA: 4.00/4.00

Graduation: May 2022
Valedictorian

SKILLS

Computer: C, C++, MATLAB, Java, JavaScript, MuJoCo, Adobe Photoshop
Language: Native Mandarin Chinese, Conversational Spanish

RELEVANT COURSES

- Data Structures and Algorithms
- Mathematical Foundations of Computer Science
- Intro to Computer Systems
- Scalable Systems and Architecture
- Machine Learning
- Electronics Design
- Game Design and Development

EXPERIENCE

Xenobot Lab – Evanston, IL **Lab Intern** **February 2022- Present**

- Conducted literature reviews and researched methodologies in robot modeling and simulation.
- Actively participated in lab meetings and discussions, sharing insights, ideas, and potential solutions.

KAN-WIN – Park Ridge, IL **Volunteer** **October 2019- Present**

- Discussed and acted against gender-based violence and other social injustices through phone banking, organizing donations, demonstrating, etc.
- Volunteered with organizations and groups to assist with social campaigns.
- Coordinated distribution of food, clothing, and household items to low-income families.

PROJECTS

Robotics- UROV **Member** **September 2022- Present**

- Co-lead the designing and building of the buoyancy engine using Tupperware and syringes.
- Collected data to problem-solve the stability and functionality of the engine.

Design, Thinking, and Communication **Member** **January 2023- Present**

Client- Northwestern Segal Fabrication Lab

- Collaborated with team members to design an inexpensive, functional dust collection for a panel saw.
- Led team meetings and organized timelines throughout the project development and presentation phases.

ACTIVITIES

- NU Robotics Member January 2023 - Present
- Typhoon Dance Troupe Member November 2022 - Present
- NU Solar Member November 2022 - Present