

Annie Zhao

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EDUCATION

Computer Science (B.S.), Statistics (B.S.)

Expected Graduation: May 2027

University of Wisconsin - Madison

GPA: 3.8

Honors: Dean's List (Fall 2023), Honors Student in the College of Letters & Science

Relevant Coursework: Discrete Math, Linear Algebra, Intro. To ML for Engineering Research, Advanced Data Structures & Software Engineering (Fall 2024), Data Science Modeling (Fall 2024), Intro. To Computer Engineering (Fall 2024)

SKILLS

- *Programming Languages:* Java, HTML, CSS, JavaScript
 - *Languages:* English (Fluent), Chinese (Fluent), Spanish (Proficient)
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EXPERIENCE

University of Wisconsin - Madison

September 2024 - Present

Undergraduate Research Assistant | Madison, WI

- Assist with the project "Optimizing Rate of Return from Donation Campaigns using ML Modeling and Feature Analysis"

University of Wisconsin-Madison Computer Sciences Department

August 2024 - Present

Programming I (CS200) Undergraduate Teaching Assistant | Madison, WI

- Lead engaging and collaborative lab sections of 20+ students, addressing any technical challenges they encounter.
- Attend weekly meetings with faculty, reporting student participation and collaborating on teaching strategies.

City of Eden Prairie

June 2021 - Present

Lead Camp Counselor | Eden Prairie, MN

- Lead team of 30+ counselors to develop and execute recreational activities for children ages 3-12 years old, achieving 100% parent satisfaction.
- Delegate responsibilities to counselors to ensure adherence to weekly and daily schedules.

Minnetonka Research

August 2022 - June 2023

Student Researcher | Minnetonka, MN

- Designed and conducted independent research on the impact of unnatural light conditions on serotonin and octopamine levels of *Drosophila melanogaster*.
 - Collaborated with a University of Minnesota -Twin Cities professor to assess and oversee experiment feasibility.
 - Executed RNA extraction and RT-qPCR procedures in a Biosafety Level 2 laboratory.
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CAMPUS LEADERSHIP

Code to Connect

March 2024 - Present

Social Media Manager | Madison, WI

- Serve as a board member to implement computer science educational events for children in the Madison area.
 - Spearhead the development of engaging content promoting events for current and potential members.
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PROJECTS

User-Generated Movie Reviews

- Developed a Java program utilizing efficient file I/O operations, ArrayList usage, and error resolution.

Mr. Markov

- A Markov Chain Model for text generation implemented and tested with stack and queue data structures.
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CAMPUS INVOLVEMENT

- Theta Tau Professional Engineering Fraternity, Xi chapter - Public Relations Chair (*Present*)
- Delta Delta Delta, Mu chapter - Local Outreach Chair (*Present*)
- Association for Computing Machinery's Women in Computing member (*Present*)
- David H. Durra Scholarship Recipient (*2024 - 2025*)