

Annie Zhao

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EDUCATION

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

Expected Graduation: May 2027

University of Wisconsin-Madison

GPA: 3.9

Honors: Dean's List, Honors Student in the College of Letters & Science

Relevant Coursework: Discrete Math, Linear Algebra, ML for Engineering Research, Advanced Data Structures & Software Engineering, Data Science Modeling, Machine Organization & Programming, Intro. To AI, Intro. To Algorithms (Fall 2025)

EXPERIENCE

Kohler Co.

May - August 2025

Data & AI Platforms Intern | Milwaukee, WI

- Automated Azure storage analysis, reducing manual efforts by 38% and streamlining 1+ PB of historical data.
- Validated 37 data views with 100% accuracy, improved 21, and built 1 workflow to enhance efficiency and reliability.
- Mapped product relationships to support AI data preprocessing, contributing to scalable machine learning pipelines.
- Reclaimed 6+ TB of test environment data with a cross-functional team, optimizing pipelines and system performance.
- Demonstrated foundational cloud expertise by earning the AZ-900: Microsoft Azure Fundamentals certification.

University of Wisconsin-Madison Informatics Skunkworks

September 2024 - Present

Undergraduate Research Assistant | Madison, WI

- Develop interpretable ML models under the advisement of Professor Afflerbach to predict donation campaign returns.
- Implemented and optimized Random Forest and XGBoost models with 5-fold CV and SHAP 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 for 20+ students, addressing any technical challenges they encounter.
- Resolve technical issues and questions during drop-in office hours, which 700+ students attend each semester.

City of Eden Prairie

June 2021 - March 2025

Lead Camp Counselor | Eden Prairie, MN

- Led 40+ counselors to execute recreational programs for children ages 3-12, achieving 100% parent satisfaction.
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PROJECTS

DermaVision

January 2025 - Present

- Developed a web app that delivers personalized skin analysis and recommendations using a custom-trained ML model.
- Won 2nd place for Most Impactful at a Tech Lab Open House for impactful use of AI-driven dermatological scanning.

iSongly

November - December 2024

- A Java application that allows users to interact with songs to filter them by year, loudness, and danceability.
- Implemented unit, opaque-box, and integration tests to ensure functionality.

Campus Navigator WebApp

October - November 2024

- Leveraged Java, HTML, CSS, and JavaScript to develop a web application that allows users to find the shortest path between locations or the 10 closest destinations to a location on the UW-Madison campus.
- Implemented Dijkstra's algorithm and a HashMap for optimal responses to user queries.

Mr. Markov

April 2024

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

- WISCERS Research Fellow (*January 2025 - Present*)
 - Theta Tau Professional Engineering Fraternity, Xi chapter - Public Relations Chair (*February 2024 - Present*)
 - Code to Connect - Internal Communications Chair (*January 2024 - Present*)
 - Tech Exploration Lab - Project Lead (*January 2024 - Present*)
 - Deloitte Foundation Scholarship for Diversity, Equity and Inclusion Recipient (*2025 - 2026*)
 - David H. Durra Scholarship Recipient (*2024 - 2026*)
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SKILLS

- *Programming Languages:* Java, HTML/CSS, R, C, Python, SQL, PySpark, JavaScript
- *Languages:* English (Fluent), Chinese (Fluent), Spanish (Proficient)