

# Zijie Zhou

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## EDUCATION

**University of Illinois at Urbana-Champaign**

Expected Graduation: Aug. 2025

Bachelor of Science, Information Sciences + Data Science

Cumulative GPA: 3.86/4.00

Minor in Computer Science

**Academic Achievement:** Dean's List

**Relevant Coursework:** ML, AI, DS, Data Structures, Algorithms, Computer Systems, Web design

## CONFERENCE PUBLICATIONS

**Where Do Large Language Models Fail When Generating Code?**

Zhijie Wang\*, Zijie Zhou\*, Da Song\*, Yuheng Huang, Shengmai Chen, Lei Ma, Tianyi Zhang

*arXiv preprint arXiv:2406.08731*, 2024.

## WORKSHOP PUBLICATIONS

**An Empirical Study of Code Generation Errors made by Large Language Models**

Da Song\*, Zijie Zhou\*, Zhijie Wang, Yuheng Huang, Shengmai Chen, Bonan Kou, Lei Ma, Tianyi Zhang

*The 7th Annual Symposium on Machine Programming, Co-located with ESEC/FSE 2023*, 2023.

## EXPERIENCE

**Human-Centered Software Systems Lab**

**West Lafayette, IN**

Research Intern

March 2022 - August 2022

- Planned and participated in program development and debugging
- Provided user experience feedback to optimize the app's design
- Assisted researcher in data analysis

Research Intern

April 2023 - Present

- Participated in and designed the research project
- Research data website maintenance and management
- Identified and categorized data to support researchers in conducting thorough analyses

## ACTIVITIES

**Build-in Search System Interface Frame Design**

**Champaign, IL**

Member

Sept. 2023 – Dec. 2023

- Explored and designed user-friendly built-in search system interface with Professor Yun Huang
- Designed survey and led team members to collect design feedback on campus

## TECHNICAL SKILLS

**Programming Languages & Tools:** Java, Python, C++, R, SQL, OpenRefine, Figma