Weifan Zhou

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Profile

Passionate about geoinformatics and data visualization. Past experience with building a personal website and writing creative posts and notes. Skills include coding, data analysis, and creativity.

Education

Illinois Wesleyan University, Bloomington, IL

Bachelor of Arts, May 2026

Major: Computer Science | Minor: Psychology

University Honors: Illinois Wesleyan Jennings Music Scholarship; Alumni Scholarship

Related Coursework

- **GIS:** Introduction to Geographic Information System (Spring 2024), Automating GIS Processes (Spring 2024, Self-paced)
- Computer Science: Computer Science I/II; Applications of Sets, Logic, and Recursion; Discrete Mathematics; Software Development; Applied Data Analysis; Computer Organization and Architecture (Spring 2024); Ethics, Values, and Issues in Cybertechnology (Spring 2024)
- Math: Applied Linear Algebra; Calculus II; Mathematical Methods of Physics (Spring 2024)
- Psychology/Neuroscience: General Psychology; Behavioral Neuroscience

Skills

- **GIS**: some experience with ArcMap and Geo-Python (using sharply)
- Coding: Python, HTML, LaTeX, CSS, JavaScript; some experience with C++ and MIPS
- Languages: Chinese (Native), English, German (Beginner)
- Blog writing and website management; Piano

Project Experience

Applied Data Analysis

October 2023 – December 2023

Cumulative GPA: 3.90/4.0

Dean's List: All semesters

- Code in Google Colab notebook using Python; create reports and make presentations on data sets
- Analyze data on predicting working efficacy, panic disorder, and British traffic accident severity; apply linear regression, logistic regression, and decision trees

Software Development

October 2023 – December 2023

• Collaborate with four students to create a To-do list application with HTML, JavaScript, CSS, and Python

Personal Website

February 2023 – Present

- Deploy blog pages by Hugo and Git; manage the design and maintenance of website
- Using HTML, write blogs in English and Chinese on psychology along with creative stories; allow comments

Project Lead/Data Visualization | ASDAN Data Science Camp, Chengdu, Sichuan, China

July 2021

• Collaborated with five students to make data visualization on the correlation between lifestyle factors and increase in diagnosis of diabetes; present findings on research along with suggestions for healthy diet

Leadership Experience

President | Ningbo Foreign Language School Model UN, Ningbo, Zhejiang, China

September 2020 – June 2021

• Organize weekly meetings to train members on presentation skills along with a mock conference

Participant - German Camp | Goethe Institute, Remote

July 2021

• Partnered with two students to produce video in German; selected for camp based on video submission

Project Lead | *China Thinks Big*, Remote

September 2020 – December 2020

• Executed survey questionnaire on trash classification and usage of recycling milk boxes

Additional Campus & Community Involvement

Illinois Wesleyan Sigma Alpha Iota Music Female Fraternity	November 2023 – Present
Illinois Wesleyan Artificial Intelligence Club	September 2023 – Present
Piano Accompanist Illinois Wesleyan School of Music	September 2022 – Present
Illinois Wesleyan Association for Computing Machinery	September 2022 – Present