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   Cumulative GPA: 3.90/4.0
Bachelor of Arts, May 2026   Dean's List: All semesters
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 shapely)
- **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
- 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