

ZEJUN ZHOU

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Summary

Hi everyone! My name is Zejun Zhou, a junior currently majoring in Computer Science and Data Science at University of Wisconsin Madison.

I'm passionate to improve my skills through hands-on working and team cooperation. I am proficient in programming with Python, Java, C, R, HTML, and CSS. I am always excited to new skills from experience! I am ready to share my skills to create organized and collaborative work.

If you are interested about my skills, you can get more information about my projects and stories at my personal website below the resume!

Websites, Portfolios, Profiles

- <https://zejunzhou.github.io/Zejun-Zhou-Website>

Skills

- Source and Version Control: Git, Github
- Programming Languages: Python, Java, R, SQL, HTML, CSS
- Web: Flask, Selenium
- Object-Oriented Programming
- Data Visualization: Pandas, Matplotlib Pyplot
- Data Modeling: Regression Testing, Sklearn, MAST-ML
- Database: MySQL
- Data Structures and Algorithms

Experience

- 01/2022 - 08/2022
Informatics
Skunkworks of
UW-Madison
Madison, WI
Research Analyst
 - Collected and Cleaned the data through Python programming
 - Use Python Module Scikit-learn and MAST-ML to conduct Machine Learning for predicting band gaps number of chemical components under different features
 - Generated Linear-regression model and Random forest model to help predicting band gaps for new datasets. Evaluated the model statistically.
- 09/2022 - Current
Computer Science
Learning Center
Madison, Wisconsin
Computer Science Tutor
 - Taught programming languages including Python and Java.
 - Used engaging teaching methods to help students achieve success in projects of computer science.
 - Maintained office hours to support students and review course materials.
- 04/2022 - Current
Reggie Tsang
Madison, MI
Volunteer
 - Upload unpublished articles to Reggie Tsang's website in HTML format
 - Set up featured image for each articles
 - Helped to organize Reggie Tsang articles to Dropbox
- 08/2022 - Current
Wisconsin Union
Capital Cafe-Student Help
 - Collected payments and provided accurate change.

Madison, WI	<ul style="list-style-type: none"> Prepared and served coffee, espresso drinks, blended coffees and teas. Completed daily recovery tasks to keep areas clean and neat for maximum productivity.
06/2022 - 08/2022 Wisconsin Union Madison, Wisconsin	Catering Assistant <ul style="list-style-type: none"> Interacted with guests to obtain feedback on product quality and service levels. Prepared dishes for catering events or during high-volume shifts. Maintained cleanliness and organization of kitchen stations and storage areas.
05/2019 - 02/2020 The Summit Country Day School Cincinnati, OH	Research Assistant <ul style="list-style-type: none"> With University of Cincinnati's Prof. Lu Ming Ming, conducted lab and field data research on vehicle pollution & air monitoring Generated research graphs through R programming and Excel Compiled and organized research data to produce reports and graphs through Microsoft Word and PowerPoint Presented to the school

Education and Training

Expected in 05/2024 Madison, WI	Bachelor of Science in Computer Science University of Wisconsin - Madison
05/2020 Cincinnati, OH	High School Diploma The Summit Country Day School

Languages

Chinese (Mandarin):

Native/ Bilingual

English:

Full Professional

Awards Received

- UW-Madison Undergraduate Scholarship for Summer Study(2022)
- UW-Madison Undergraduate Scholarship for Summer Study(2021)
- UW-Madison College of Letters & Science Dean's List Fall 2020
- UW-Madison College of Letters & Science Dean's List Spring 2021
- UW-Madison College of Letters & Science Dean's List Spring 2022