

Zejun Zhou

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Objective

- Undergraduate Co-op and Internship opportunities from Summer 2023 and Fall 2023 in Computer Science and Data Science

Websites, Portfolios, Profiles

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

Experience

Informatics Skunkworks of UW-Madison - Research Analyst 01/2022 - Current
Madison, WI

- 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.

Computer Science Learning Center - Computer Science Tutor 09/2022 - Current
Madison, Wisconsin

- 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.

The Summit Country Day School - Research Assistant 05/2019 - 02/2020
Cincinnati, OH

- 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

Reggie Tsang - Volunteer 04/2022 - Current
Madison, MI

- Upload unpublished articles to Reggie Tsang's website in HTML format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

Wisconsin Union - Capital Cafe-Student Help 08/2022 - Current
Madison, WI

- Collected payments and provided accurate change.
- Prepared and served coffee, espresso drinks, blended coffees and teas.
- Completed daily recovery tasks to keep areas clean and neat for maximum productivity.

Education and Training

Expected in 05/2024

University of Wisconsin - Madison
Madison, WI

Bachelor of Science: Computer Science & Data Science

- Dean's List Honoree [Fall 2020]
- Dean's List Honoree [Spring 2021]
- Dean's List Honoree [Spring 2022]
- [Chinese Radio Station] Tech Chief 2020-2021

05/2020

The Summit Country Day School
Cincinnati, OH

High School Diploma

- [National Honor Society] Member

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, Scikit-Learn, MAST-ML
- Database: MySQL
- Data Structures and Algorithms

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)