Zejun Zhou

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Education

University of Wisconsin-Madison   August 2020 – May 2024
Bachelor of Science in Computer Science and Data Science   *Madison, WI*
- Cumulative GPA: 3.68, Dean's List
- Clubs: Data Science for Sustainable Development (DSSD), Google Developer Student Club (GDSC)
- Relevant Coursework: Software Engineering, Database Management, Data Science Programming

Project

Personal Website   January 2023 - Current
A responsive web page built to introduce my skills, experience, and projects.
HTML/CSS, JavaScript, Bootstrap
- Designed by Canva and styled with CSS and Bootstrap framework.
- Adding functionality using JavaScript and hosted through GitHub Page.
- Planned to hydrate website content using React.js.

ChatPGT Sign-up Server
A web application made for fun to record information of new customer.   February 2023 - Current
Node.js, Express.js, HTML/CSS, Bootstrap
- Posting customer's information to Mailchimp's Servers via their API.
- Styled the web page layout through CSS and Bootstrap framework.
- Deployed the server to Heroku.

DSSD Madison Website   November 2022 - Current
A web app for student organization to post information and upcoming news.
HTML/CSS, JavaScript, Astro, Tailwind
- Worked with 11 members and learned necessary Web skills in JavaScript, Contentful API and Tailwind framework.
- Hydrated Website Homepage to load content effectively using JavaScript and Contentful API.
- Conducted version control by using GitHub Issue and Pull Request.

Experience

Computer Science Tutor
Computer Science Learning Center of UW-Madison   September 2022 - Current
- Helped over 30 students to understand fundamental topics of Computer Science by holding weekly tutoring session at Computer Science Learning Center.
- Provided technical helps in code-debugging by demonstrating debugging concept and accessing IDE debugger.
- Recorded videos to illustrate key concepts and uploaded to YouTube.

Research Assistant
Informatics Skunkworks   January 2022 – August 2022
- Conducted education training of Google Colab and MAST-ML toolkit under guidance of Dr. Benjamin Afflerbach.
- Predicted the band-gap values based on various chemical features by creating regression models using Python module Scikit-learn and MAST-ML.
- Generated Parity Plot to evaluate regression model. Assessed model using statistical metrics R Square, MAE, and RMSE.

Technical Skills

Programming Language: Python, Java, HTML/CSS, JavaScript, SQL, R
Framework: Node.js, Express.js, Flask, Bootstrap, jQuery
Developer Tools: Git, VS Code, RStudio, Big Query, Tableau
Language: Chinese, English

Certifications

Google Data Analytics Certification – Coursera