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 – February 2023
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.
- Added functionality using JavaScript and hosted through GitHub Page.

Sprint
A web application combined task management and note taking aimed to boost Agile Development.   February 2023 - Current
Python, Flask, MySQL, HTML/CSS, Google Authentication
- Worked on the login page functionality, implemented Google Authentication to ensure secure login.
- Created server-side functionality with dynamic user interface using Flask.
- Conducted Agile Development on cross-functional team, ensure smooth integration of features.

To-do List   March 2023 - Current
A web application helped users in organizing tasks and increasing productivity.
Node.js, Express.js, EJS, HTML/CSS, MongoDB, Mongoose
- Implemented back-end functionality using Node.js and Express.js to store and retrieve tasks.
- Utilized EJS and HTML/CSS to create a front-end template.
- Added MongoDB database schema using Mongoose to store tasks data.

Experience

CSLC Peer mentor
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, EJS, Flask, Bootstrap, jQuery
Developer Tools: Git, VS Code, RStudio, Big Query, Tableau
Language: Chinese, English

Certifications

Google Data Analytics Certification – Coursera
The Complete 2023 Web Development Bootcamp – Udemy