


Wei Sui

Data Analyst | Irvine, CA

ABOUT

Highly analytical and process-oriented data analyst with in-depth knowledge of database types; machine learning models; and big data capture, manipulation, analysis and visualization.

CONTACT DETAILS

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TECHNICAL SKILLS

- Python
- MongoDB
- Machine Learning
- Deep Learning
- Data Analysis/ Visualization
- HTML/CSS/JavaScript
- SQL, SQLAlchemy, MySQL
- VBA Excel Macros
- Heroku Deployment
- Web Scraping

PROJECTS

SOYBEAN COMMODITY TRADE DASHBOARD:

Anpanmaniac, Team Leader

- Created visually impactful dashboards in python flask, HTML/CSS, JavaScript to conceptualize soybean prices, soybean futures, and technically analyzing soybean ETF.
- Encouraged cooperation, motivation, and respectful communication

Link: <https://soybean-commodity.herokuapp.com/>

HOUSE PRICES PREDICTION WEBSITE:

- Used python flask, front end, back end and machine learning model to build interactive website with house value calculator, mortgage assessment calculator and economic analysis

Link: <https://house-value-prediction.herokuapp.com/>

EARTHQUAKE DASHBOARD:

- Designed and built map visualization in HTML/CSS JavaScript GeoJSON, shows the earthquake data for the past 7 days.

https://weekysui.github.io/earthquake_map_visualization

EXPERIENCE

ACI College Prep — 2015 to Present Office Manager / Education Counselor

- Create & develop student database; create student record analysis report
- Design advertisement on a monthly bases
- Maintain a thorough understanding of ACI programs and services
- Program scheduling and marketing

Inner Circle Education Center — 2014 - 2015 Education Consultant

- Recruit and maintain relationships with American homestay families for students
- Contact high school officials and counselor in regard to ICEC student's issues and resolve them.
- Create an academic plan for each student to assist them on college planning.

Center for Behavioral and Sciences, Inc. Behavioral Technician

- Worked one on one, in a classroom setting, utilizing the model of Applied Behavior Analysis.
- Prepared materials and taught lessons that supported each child's growth towards their individual goals.
- Collected data, charted findings, and provided reports to parents and behavior analysts.



<https://github.com/weekysui>



<https://weekysui.github.io/portfolio/>