

Dongmin Wu

Data Analyst | Data Visualization | Python, R Expert

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OBJECTIVE

Eager to apply my data analysis skills in a dynamic environment. Skilled in Python, R, SQL, and data visualization. Aspiring to contribute to data-driven decision-making processes and eager to develop further in data analytics.

SKILLS

Technical Tools

Python R SQL EXCEL Tableau

Data Analysis

Data Cleaning & Wrangling Data Storytelling & Visualization

Exploratory Data Analysis (EDA) A/B testing p-values

Confidence Intervals Regression

EDUCATION

Bachelor of Science in Statistics

UC Davis

09/2021 - 06/2025 Davis, CA

- Double major in **Mathematics**
- Minor in **Computer Science**
- Courses: Regression/Variance/Time Series Analysis, Database System, Machine Learning, Statistical Data Science, Probability

GPA

3.4 / 4.0

PROJECTS

Salary Prediction Project

https://github.com/CNDaniel02/ML_Salaries

Team Lead | Machine Learning

- Directed a team of five in developing a salary prediction model using **Python**, managing tasks from **data gathering, cleaning,** and **exploratory data analysis (EDA)** to **model development** and **optimization**.
- Utilized libraries like **pandas, NumPy, Matplotlib, scikit-learn,** and **Seaborn** for data preprocessing and exploratory analysis.

Graduate School Admission Analysis Project

<https://github.com/CNDaniel02/Linear-Regression-Graduate-Admission>

Team Member | Statistical Data Science

- Analyzed factors influencing graduate school admissions using **R** for **data cleaning, EDA, visualization,** and **statistical modeling**.
- Utilized libraries such as **ggplot2, Tidyverse,** and **caret** for data visualization, wrangling, and model performance assessment.

CERTIFICATION

Google Data Analytics Certificate

Provided by Google focused on **data cleaning, analysis,** and **visualization**. Proficient in **spreadsheets, SQL, R,** and **Tableau** for end-to-end data projects.

SQL Programming

Gained hands-on skills in selecting, limiting, sorting, and joining data from **SQL**. Practiced editing and deleting data, aggregations, and basic math operations within SQL queries.

EXPERIENCE

Orientation Leader

UC Davis Student Housing & Dining Services

05/2023 - 09/2023 Davis, CA

- Guided new students through academic/social transitions, refining **communication, presentation,** and **problem-solving** skills. Coordinated tours and resources, demonstrating the ability to structure and relay information clearly.

Learning Assistant

UC Davis Mathematics Department

09/2022 - 12/2022 Davis, CA

- Guided 30 students in weekly course discussions, applying **analytical thinking** and **problem-solving** to simplify complex calculus concepts. Monitored student progress and provided real-time feedback, showcasing **collaboration** and **adaptability** in supporting diverse learning needs.

Kitchen Employee

UC Davis Coffee House (ASUCD)

03/2022 - 09/2023 Davis, CA

- Streamlined food preparation by identifying and resolving process inefficiencies, highlighting **attention to detail**. Collaborated in a fast-paced environment, showcasing **adaptability, teamwork,** and effective **time management**.

LANGUAGES

Chinese Native

English Proficient

Japanese Advanced