Diandian Shi

9254700998 | dshi348@g.ucla.edu | Los Angeles

SUMMARY

Data-driven undergraduate with strong analytical skills and hands-on experience in AI applications, seeking internship opportunities to further enhance practical expertise and contribute to innovative projects

EDUCATION

UCLA Jun 2026

Statistics and Data Science Bachelor Los Angeles

GPA 4.0/4.0, Dean's Honor list

Related Courses: Computational Statistics, Data Analysis and Regression, Statistical Programming, Experiment Design, Monte Carlo Methods, Statistical Models and Data Mining

PROFESSIONAL EXPERIENCE

Lunapse Jun 2024 - Mar 2025

Product Manager Intern (hybrid) Shenzhen, China

- Researched on AI-driven cross-border e-commerce digital marketing for small to mid independent brands in China with data analysis; identified user needs and market trends.
- Participated in the development of a multilingual AI agent, collaborating on the design of features like auto-generated business emails and marketing content.
- Assessed product performance from user feedback to identify pain points and improve product features; designed and ran A/B tests for new features
- Synthesized cross-functional team members to improve iteration process.

Diablo Valley College Jun 2023 - May 2024

Mathematics and Statistics Tutor Concord, USA

- Tutored more than 20 students per week on college-level calculus, linear algebra, and statistics; assisted with exam preparations; led group sessions.
- Coordinated schedules and collaborate with colleagues for problem-solving; improved communication and leadership skills.

PROJECT EXPERIENCE

Data Analysis project at UCLA Feb 2025 - Mar 2025

Project manager

- Worked on a dataset with 300k observations and 6 variables from Kaggle to research factors contributing to prediction of coffee brand revenue. Utilized multivariate linear analysis, model transformation, model diagnostics, and variable selection.
- Worked as the leader of a group of 8 to direct and coordinate dataset selection, data cleaning, mutation and visualization through R; led the team to gain A+ (top 2% of class).

Kaggle Competition Medals Jul 2023 - Oct 2023

Silver Medal (LLM science exam): ranked top 4% (107th out of 2,664 teams) in competition.

- Engineered a retrieval-augmented generation (RAG) pipeline using vector databases and prompt tuning for factual QA.

Bronze Medal (identifying age-related conditions): ranked top 6% (381st out of 6,430 teams).

- Handled imbalanced datasets, implemented XGBoost and deep learning models to fine-tune classification models

Bronze Medal (predicting student performance) Ranked top 9% (186th out of 2,051 teams).

- Applied advanced feature engineering, time-series analysis; built features from event log data and applied models to predict accuracy group outcomes.