KOWEN JEONG

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EDUCATION

University of California, Los Angeles (UCLA), Los Angeles, CA   June 2025
Statistics and Data Science Major
- GPA: 3.7/4.0. (Regents Scholarship Finalist)
- Relevant Courseworks: Linear Algebra, Advanced Python w/ Machine Learning, Statistical Programming with R.

EXPERIENCE

Statistics and Data Science Association at UCLA | *DataFest Chair, Workshop Chair*   January 2023 - Present
- Presented workshops on Data Science tools such as Tableau, Power BI, and Microsoft suite to 100+ UCLA students.
- Partnered with largest Artificial Intelligence organization on campus to lead a joint presentations on deep learning algorithms and large language models.
- Coordinated workshops for largest data hackathon in Southern California to educate participants on using R and Python, and later released self-created ML guidebook to 300+ members.

SpaceX | *Data Science Intern*   August 2024 - December 2024
- Coded sales tooling to prioritize customers based on geospatial data of 500+ GB with python framework.
- Normalized schema and built a scalable ETL pipeline to ingest data into production.
- Analyzed market opportunities and delivered monthly analysis of high performing regions to team and leadership.

Pacific Life | *Digital and Technology Intern*   June 2024 - August 2024
- Developed dynamic Tableau dashboards integrating data from Oracle, Snowflake, Adobe Analytics, and Salesforce to analyze current usage pattern of implemented web enhancements.
- Automated workflow for Tableau dashboard by optimizing pipeline from data wrangling to visualization; identified features driving growth to make strategic prioritization of resources to enhance customer experience.
- Collaborated with operation, customer insights, and data science team to align on business objectives and details.

UCLA Luskin School of Public Affairs | *Data Science Research Assistant*   December 2022 - May 2024
- Implemented data pipelines to automate processing and cleaning of large geospatial datasets in sub-Saharan Africa, using R packages such as sp, sf, and raster, reducing data processing time by 1/5.
- Trained ML models on 200+ GB data to find causal relationship between mining activity and economic wellbeing.
- Preprocessed to produce compelling data visualizations and assisted published as part of research paper.

E. & J. Gallo Winery | *IT Data Science Intern*   June 2023 - August 2023
- Integrated company's KPIS to large scale geospatial data and created web based data visualizations using Python geospatial packages, QGIS, and Folium.
- Leveraged Python OpenCV to deploy computer vision data pipelines for image processing, feature extraction, and object warping/transformation to facilitate accurate and efficient visual analysis of company products.
- Wrangled data in Amazon S3, Redshift, and SAP HANA and built dynamic dashboards.

PROJECTS

Snowflake Streamlit | *Analyst/ Researcher*   July 2024 - August 2024
- Developed a personal movie recommender app using user-based and item-based collaborative filtering, implementing TF-IDF vectorization and cosine similarity on large text data to enhance recommendation accuracy.
- Utilized Snowflake for efficient data staging, querying, and processing, and deployed app with Streamlit to devise an interactive UI for real-time movie recommendations.

Budi Chatbot App | *Developer*   August 2023 - January 2024
- Engineered an end-to-end mobile application integrating Swift, Firebase, AWS API Gateway, Lambda functions, and Pinecone for an embedded chatbot feature with vector database.
- Trained chatgpt 3.5 to fine tune responses from user interaction and dialogues with OpenAI's advanced neural network, Whisper, and streamed audio by leveraging Amazon Polly.

SKILLS

- Proficiencies: Python, R, SQL, C++, HTML, CSS, Tableau, Power BI, AWS, Git, Snowflake, Excel, Microsoft Suites.