GyeongMin Kwon

949-712-9865 | gyeongminkwon@ucla.edu | 🌎**Website**

EDUCATION

University of California, Los Angeles **Expected Graduation:** Dec 2025
Bachelor of Science in Statistics and Data Science *Cumulative GPA: 3.65*
Relevant Coursework: Statistical Modeling, Data Mining, Statistical Consulting, Applied Geostatistics, Monte Carlo Methods, Design and Analysis of Experiments, Computational Statistics with R

EXPERIENCE

HYEL Los Angeles, CA
Data Analyst & Marketing Intern *Sep 2023 – Mar 2024*
- Worked as an intern at HYEL, a mobile app development startup, where I automated the user feedback analysis process using Python and SQL due to the lack of a structured system.
- Contributed to the growth of the app's user base to over 2,000 users, primarily Korean students in the U.S. event community. Additionally, collaborated with the CEO to create and present a pitch deck, and worked with the team to transition the user feedback system to a structured Excel-based SQL database.

Ranssul Los Angeles, CA
Front-End Development Team / Front-End Developer Intern *Dec 2023 – April 2024*
- Focused on improving UI/UX by utilizing HTML, React, and TypeScript. Worked closely with the design team to apply design templates to the front-end. Participated in UI/UX debugging by incorporating user feedback.
- Resolved cross-browser compatibility issues, which was mitigated by implementing Normalize.css to ensure consistency across different browsers.

ROK-US Combined Training Daegu, South Korea
Data Analyst *Sep 2022 - Mar 2023*
- Operated ATCIS (Army Tactical Command Information System) to manage and share real-time tactical data (personnel, supplies, equipment, and damage reports) between ROK and U.S. forces.
- Addressed cross-cultural differences in data analysis to improve operational efficiency by visualizing excel data on ATIS using both English and Korean.
- Served as a bilingual liaison between Korean and U.S. military personnel, ensuring accurate communication and data interpretation.

PROJECTS

Poker | *R, python, LaTeX* *Jan 2025 - Mar 2025*
- Developed a machine learning model to analyze opponent betting patterns and predict betting risk.
- Advocated for a more data-driven approach, investing additional time to refine feature selection and improve model accuracy from 0.52 to 0.72.

Obesity | *R, python* Sep *2024 – Dec 2024*
- Analyzed U.S. obesity rates (2020-2022) using a dataset with 34 variables, identifying key contributing factors through data preprocessing and feature selection.
- Implemented Multivariate Multiple Regression, Logistic Regression, and Decision Tree models to assess accuracy and variable significance.
- Overcame low model accuracy by exploring advanced techniques beyond coursework, incorporating Random Forest, KNN, and XGBoost, leading to significant performance improvements.

Real Estate Price | *R, python* *Mar 2024 - June 2024*
- Analyzed Iowa's real estate market to identify key factors influencing property prices using machine learning models like KNN and Logistic Regression. Led data preprocessing efforts, converting categorical variables into numerical values and establishing a scoring system to streamline analysis.
- Explored and applied hyperparameter tuning techniques to improve model accuracy and optimize performance.

ADDITIONAL INFORMATION

Languages:, R, SQL, Python, C++
Other Software/Tools: Tableau, Excel, NumPy, Pandas, Matplotlib, Plotly, tidyverse, LaTeX