

# MIN JUNG KIM

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## EDUCATION

### University of California, Los Angeles

Expected Jun 2024

*B.S Major in Statistics and Data Science (GPA: 3.84 / 4.00)*

*Los Angeles, CA*

- **Organizations/Awards:** Alpha Kappa Psi Business Fraternity, Korean Undergraduate Business Society, Dean's Honors List
- **Relevant Coursework:** Programming with R, Mathematical Statistics, Data Analysis and Regression, Statistical Models and Data Mining, Monte Carlo Methods, Computation and Optimization for Statistics, Design and Analysis of Experiment

## EXPERIENCE

### Caesars Entertainment Inc.

Aug 2023 – Sep 2023

*Data Science Intern*

*Las Vegas, NV*

- Utilized SQL and Python for advanced data cleaning, involving the creation of new columns for enhanced data analysis efficiency and applying basketball logic to reclassify data sets, ensuring more accurate and meaningful data interpretation.
- Performed comprehensive Exploratory Data Analysis and developed predictive models in sports analytics, uncovering key variable relationships for informed decision-making.
- Collaborated closely with the director to provide expert consultations to a different department, enhancing the forecasting modeling process with strategic suggestions to improve accuracy and efficacy.

### Aria Group LLC

Jun 2022 – Jan 2023

*A&R Data Analyst Intern*

*Seoul, South Korea*

- Assisted in the internal data analysis for company programming; oversaw the infrastructure for statistical reporting and trend forecasting within the entertainment industry on multiple platforms such as Spotify, Billboard, YouTube, etc.
- Systemized data charting and appropriately executed case studies to optimize talent acquisition strategies.
- Sourced revenue data and utilized interpersonal and technical skills (R, Excel) to determine further valuation on talent in the marketplace as well as the environment, including sourcing estimated revenues from multiple avenues such as streaming platforms, concerts, merchandise, financial statements, etc.

## PROJECTS

### IMDb Sentiment Analysis | R, R Studio

- Led a project to analyze IMDb reviews by employing various machine learning techniques, including logistic regression, K-nearest neighbors, random forests, and more, to predict sentiment ratings from textual content, enhancing understanding of user perceptions in media reviews.
- Pioneered data preparation methods for transforming complex textual data into analyzable formats, preserving contextual integrity, and applied advanced techniques such as PCA to reduce dimensionality.
- Tackled key challenges in sentiment analysis by meticulously selecting and testing multiple machine learning models to determine the most effective approach for handling subjective, qualitative data, thereby contributing to market analysis.

### UCLA Campus Climate Analysis | R, R Studio

- Conducted a comprehensive study utilizing Multiple Linear Regression models to understand the impact of academic satisfaction, environment, program type, and gender identity on perceived prejudice, enhancing insights into campus inclusivity and respectfulness.
- Identified statistically significant correlations between various factors including academic involvement, enrollment in non-STEM programs, and gender identity, through AIC and BIC variable selection methods.

### New York City Airbnb Housing Market Analysis | R, R Studio, Tableau

- Conducted data analysis on a dataset of Airbnb to provide a comprehensive understanding of Airbnb's impact on the housing market in New York City overtime; concluded that high permeation of Airbnb in certain neighborhoods results in gradual disruption of the rental economy and erosion of the local residents' quality of life.
- Created data visualizations to see the correlation between neighborhoods and Airbnb listings utilizing Tableau.
- Took on Project Manager role and assigned tasks to other team members, organized weekly scrums to facilitate progress.

## SKILLS & INTERESTS

**Skills:** R, R Studio, R Markdown, BigQuery, GoogleSQL, MS PowerPoint, MS Excel, MS Word, LaTeX, Translation

**Interests:** Analytics, Marketing & Operations, Procreate, Food Photography, Food Critiquing, SoulCycle