

Wonhyeok Choi

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EDUCATION

University of Los Angeles (UCLA)

June 2026

B.S. in Statistics & Data Science

EXPERIENCE

UCLA Health – Research Member

October 2025 - Present

- Building R-based data pipelines to support multi-omics integration workflows (microbiome, proteomics, clinical metadata) used in tools such as mixOmics/mixDIABLO.
- Developing standardized preprocessing scripts and quality-control modules enabling reproducible analysis across labs in UCLA Health.
- Creating modular dashboards and reporting tools to streamline collaboration between clinicians and researchers working on biomarker discovery and patient-level data analysis.

Eleven Plus Inc – App Ambassador

Feb 2025 - Present

- Tested new in-app features (live chat, fan polls, AI translation) and analyzed user feedback to identify usability issues.
- Proposed improvements and data-driven ideas for predictive match stats and engagement features, contributing to continuous product development.

Data Science Club – President

Aug 2023 – May 2024

- Founded and led a 30-member club fostering collaboration in data analysis and programming education.
- Organized R and Python workshops, mentoring students through five data-driven projects.

Project

FC Barcelona Performance Analysis

2025

- Collected team-level metrics from WhoScored and derived features (xG, goal differential, possession %, dribbles per game) to study factors associated with high-scoring, dynamic play.
- Performed EDA and regression/classification baselines in R (tidyverse); built comparison visuals (trend lines, faceted plots) to explain style-of-play patterns across matches.

The Data Voyage – Team Tableau Visualization Project

Spring 2025

- Collaborated with a 4-member team to analyze U.S. travel patterns during and after COVID-19 using public datasets (*Trips by Distance*, *BTS Daily Mobility Statistics*).
- Preprocessed and aggregated data in R, then designed interactive Tableau dashboards showing changes in travel distance, frequency, and recovery trends.
- Integrated visual insights with narrative explanations to highlight socioeconomic and geographic differences in travel behavior across the U.S.

Additional

Skills

- Programming: R (tidyverse, ggplot2), C++
- Tools: Tableau, Excel, SQL

Interests

- Sports, Traveling, Cooking, Music