

Djovan Velasco

djovan@icloud.com | (661)-585-7071 | Los Angeles, CA

SUMMARY

Analytical and detail oriented student pursuing a B.S. in Statistics and Data Science at UCLA, with academic and hands-on experience in Kalman filtering, regression modeling, and computational statistics. Skilled in R and Python for statistical programming, model optimization, and predictive analytics. Passionate about transforming data into actionable insights that drive measurable impact.

EDUCATION

University Of California, Los Angeles (UCLA)

Statistics and Data Science Major

- **Cumulative GPA: 3.4**

Los Angeles, CA

Expected June 2026

COURSEWORK

Statistics: Linear Algebra | Probability | Mathematical Statistics | Linear Models | Design and Analysis of Experiment | Statistical Consulting | Applied Sampling

Programming: Data Analysis and Regression in R | Data Mining | Computational Statistics with R | Computation and Optimization for Statistics in R | Monte Carlo Methods

RESEARCH AND PROJECTS

Skin Cancer Predictive Modeling

November - December 2025

- Developed and evaluated predictive models in R to classify skin tumors as benign or malignant
- Conducted data preprocessing, feature selection, and model validation to support robust and interpretable predictions
- Implemented and compared logistic regression, neural networks, and random forests to assess model performance and improve classification accuracy.

World Series Data Storytelling

September - November 2025

- Collected and analyzed World Series Game 7 data to identify pivotal, low-probability events and show how analytics can explain key plays and game outcomes
- Utilized statistical analysis and data storytelling to create a script for a social media video that would be engaging for both the die-hard fans and casual viewers

UCLA Department of Statistics

Los Angeles, CA

Undergraduate Researcher

March - June 2025

- Explored the theory and methodology of Kalman filtering, translating statistical concepts into practical sports analytics applications
- Programmed kalman filtering and ALS methods in R to execute upon local level models
- Implemented filtering programs to make predictions of outcomes across NFL, NBA, and MLB datasets
- Built multi-variable linear models for predictive analysis

WORK EXPERIENCE

Oasis Aquatics

Lancaster, CA

Assistant Coach and Swim Instructor

June 2023 - September 2025

- Developed and refined coaching strategies to improve team performance
- Adapted training to meet the unique needs of individuals, fostering growth and maximizing potential
- Utilized clear and engaging communication to engage athletes, optimizing focus and learning
- Collaborated with colleagues to deliver effective instruction, strengthening teamwork

SKILLS

R, Python, MySQL, Stata, Tableau, Excel, Data Analysis, Optimization, Machine Learning, Conversational Spanish