

ALBERT CARRENO

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EDUCATION

University of California, Los Angeles

Bachelor of Sciences in **STATISTICS AND DATA SCIENCE**

Minor in **Film, Television, and Digital Media**

• **Academics:** 3.7/4.00 GPA

• **Relevant Coursework:**

- Stats 101A: Introduction to Data Analysis and Regression
- Stats 101B: Introduction to Design and Analysis of Experiment
- Stats 101C: Introduction to Statistical Models and Data Mining
- Stats 102A: Introduction to Computational Statistics with R
- Stats 102C: Introduction to Monte Carlo Methods
- Stats 140XP and 141XP: Practice of Statistical Consulting I and II
- Stats C116: Bayesian Statistics
- Stats C155: Applied Sampling
- Stats 167: Introduction to Databases

Los Angeles, CA

09/2021 - 06/2025

WORK EXPERIENCE

Equal Employment Opportunity Commission(EEOC)

Summer Data Analytics Intern

Washington, D.C.

06/2024 - 09/2024

- Constructed a classification model in R using multinomial logistic regression with elastic net regularization that categorized over 100,000 job titles.
- Reduced time and energy required to estimate the public burden for filing EEO-1 reports.
- Delivered results and explained methodology in a 20 minute presentation to the entire [OEDA](#) department.
- The internship was conducted remotely.

Jewish Community Center

Special Needs Counselor

Stamford, CT

06/2022 - 09/2022

- Helped children with disabilities participate in daily activities and modeled good behavior for them to follow. Supervised them throughout the day and kept them engaged through sports, art, and music.

PROJECTS/EXTRACURRICULAR ACTIVITIES

Bruin Sports Analytics:

Data Journalist

09/2022 - 06/2024

- Wrote data driven articles for [Bruin Sports Analytics](#), UCLA's undergraduate sports statistics group.
- Incorporated statistical methods to tackle sports topics such as predicting NHL playoff outcomes.
- After performing basic EDA in Excel, methods often included linear and logistic regression in R.

Baseball Consulting Team

09/2024 - 06/2025

- Built a gradient boosting ML model that predicts pitch type with 95.4% accuracy based on variables that included spin rate, vertical break, and pitch trajectory for the UCLA Men's Baseball Team.
- Led a team that created an ensemble majority vote model in R that blended neural networks, random forests, and gradient boosting to predict batted ball outcomes with 88.3% accuracy.

DataRes at UCLA

DataBlog Team

09/2023 - 01/2024

- Analyzed [World Happiness Report](#) data as part of [DataRes](#), UCLA's largest student-run data science organization.
- Created a random forest regression model in R and used SQL to query the team database for EDA.
- Gave a team presentation of our findings to an audience of many DataRes members at the annual "Demo Day."

ADDITIONAL INFORMATION

- **Skills:** R, Excel, SQL, Python, Tableau, Data Visualization, NoSQL Databases, AWS, Microsoft Office, GitHub
- **ML Methods:** Logistic Regression, Random Forest, Gradient Boosting, Support Vector Machines, Neural Networks
- **Languages:** English, Spanish(Fluent), French(Intermediate), German(Beginner)
- **Other Activities or Projects**
 - ASA Datafest at UCLA(2025 Participant): [Description](#)
 - Utah Hockey Club Analytics Challenge(Participant): [Description](#)
 - UCLA Statistics Club(Member)
 - Film & Photography Society at UCLA(Associate Producer, Member)
 - Bruin Club Tennis(Member)