

# SESHA CHALAMALASETTI

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## EDUCATION

### University of California, Los Angeles

Statistics B.S., Cognitive Science B.S., Specialization in Computing

June 2024  
Los Angeles, CA

- GPA: 3.95
- Relevant Coursework: Introduction to Computational Statistics, Introduction to Mathematical Statistics, Introduction to Design and Analysis of Experiment, Introduction to Probability, Artificial Intelligence and Society

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## EXPERIENCE

### Bruin Sports Analytics

Sep 2022 – Present

Data Analyst

- Conducted a multivariate regression analysis on Major League Baseball Data to predict the salary of players based on a number of relevant metrics, used selection algorithms, and produced a predictive model
- Conducted research on the current state of major injuries in the NFL, specifically concussions, to model changes after NFL concussion protocol implementations
- Created data visualizations to express injury statistics and change over time in a meaningful manner using ggplot
- Extensively researched and analyzed different regression methods (Huber Regression, logistic regression, Support Vector Regression) in order to understand the strengths, weaknesses, and assumptions of each resulting model in terms of predictive power and margin of error

### UCLA Zili Lab

Jan 2023 – Present

Research Intern - Data Analysis

- Created training procedures in preliminary testing using PsychoPy and Python to assess the visual processing abilities of participants using eye tracking software
- Using 2 quarters of piloting data, developed methodologies to categorize improvements in 3D motion perception from eye tracking data
- Wrote a final report to summarize my findings from the data and express how certain visual training methods resulting in more extensive changes in post-training measures such as kill count in the video game testing environment

### UCSF Cohen Lab

Jan 2022 – Jan 2023

Research Intern - Data Analysis

- Conducted secondary analyses on Wave 3 and Wave 4 data using R on the mental health of college students during the pandemic in order to measure significant change over time

### UCLA DiSH Lab

Aug 2021 – Present

Research Assistant

- Led a team of peers through the piloting process to conduct dynamic changes to the study design of a to the research methodology throughout the research grant process in order to create changes to
- Run participants throughout various stages of the study as a research assistant and a confederate

### UCSF Nagata Lab

May 2021 – June 2022

Research Assistant

- Assisted in the meta analysis of epidemiological factors that increased risk for eating disorders in understudied populations, particularly young males
- Provided feedback in the last stage of the editorial process to check for inconsistencies

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## SKILLS

- Programming Languages: R, C++, Python (pandas, numpy), MATLAB, Git, HTML
- Other Programs: Jamovi, SPSS, PsychoPy
- Honors: Dean's Honors List (2020-2022), California Seal of Biliteracy for Spanish, Wells Fargo Scholarship, ITF Taekwondo Black Belt

