**Objective:** Use my technical skills and experience from undergraduate projects, as well as my interpersonal skills, to work as a Data Scientist to solve analytical problems using data-driven approaches.

EDUCATION

**University of California, Los Angeles**  Masters of Applied Statistics  **Oct 2020 - June 2022**

**University of California, Los Angeles** Bachelor of Science, Statistics **Sept 2016 - June 2020**

Entrepreneurship Minor GPA: 3.5/4.0

DATA SCIENCE EXPERIENCE

**Underage Drinking Arrest’s in L.A. -** *R Studio, WordPress, Tableau, Figma* **April 2020 - June 2020**

* Analyzed and visualized arrest data using R and Tableau to find that nearly 23% of DUI arrests can be prevented on college campuses if students refrain from underage drinking by getting involved in our data-driven narrative campaign which reveals the legal consequences of the college drinking culture.

**Automotive Researcher: Statistics** *- R Studio, LaTeX*  **January 2020-March 2020**

* Performed exploratory analysis on the causes of vehicle accidents in the U.S. with the goal of creating insights that can be implemented in autonomous vehicles.
* Found that 27% of accidents due to irritability and human error could be prevented by autonomous cars.

**Statistical Consulting -** *R Studio, LaTeX* **January 2020-March 2020**

* Performed poisson regression and random forest modeling to find the significant maternal risk factors that predispose a child to Autism Spectrum Disorder (ASD) behaviors. Consulted with our client, Dr. Ariana Anderson, Ph.D.

**ASA DataFest “Hack-a-thon”** *- R Studio* **April 2019**

* Cleaned big data (4 files,10 million observations) from Canada’s National Women’s Rugby Team. Performed data modeling and visualization in order to predict and optimize overall performance of players.
* Communicated insights and conveyed experiment results in a presentation to a panel of experts and judges.

**Independent Research: Consumer Behavior and Media** *- R Studio* **March 2019**

* Collected my own raw data on college students, analyzed selected variables, and performed multiple linear regression in order to find the best predictors of emotional intelligence.
* Demonstrated ability to work with cross-functional areas in both Statistics and Communications.

SKILLS

* Programming Skills *Data:* R, Tableau, SQL

*Applications:* Microsoft Office Suite, OpenRefine, Slack, Voyant Tools

*Development:* Github, LaTeX, WordPress, Figma

* Completed Coursework Regression Modeling, Mathematical Statistics, Computational Statistics,

Linear Models, Experimental Design, Machine Learning, Data Mining, Statistical Consulting

* LanguageEnglish (native),Romanian (native), Spanish (basic proficiency)

LEADERSHIP

**UCLA Varsity Women’s Swim and Dive Sept 2016 - March 2020**

*Team Member & Leader*

* Balanced 25+ hours of practice and conditioning per week while maintaining a full academic course load and athletic competitions.

**UCLA Exploring Your Universe Nov 2019**

*Volunteer*

* Volunteered to provide hands-on statistics experiments and presentations to young children, families, and friends of the LA community to encourage curiosity in STEM.

**UCLA Center for Accessible Education Sept 2016 - May 2018**

*Notetaker*

* Attended selected courses to take organized and detailed notes for students who are in need of extra support with their academics.