LUIS M. ARAGÓN

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EDUCATION

Bachelor of Science in Statistics   Expected Graduation: June 2020
University of California, Santa Barbara   GPA: 3.89

RELEVANT COURSEWORK

Regression Analysis (Using R)   **Survival Analysis (Using R)**
Stochastic Processes (Using Python)   **Time Series (Using R)**

PROJECTS

Analysis of Drug Relapse   December 2018
Survival Analysis in R — https://github.com/lmaragon/SurvivalAnalysis

· Cleaned, visualized (Kaplan Meier Estimate), and modelled survival data using R.
· Computed a model for the data using the Cox Proportional Hazards method.
· Implemented the AIC model fitting technique to evaluate various models and looked for statistically significant variables.

Regression Analysis on World Happiness   August 2018
Regression Analysis in R — https://github.com/lmaragon/RegressionAnalysis

· Utilized R to clean, visualize, and model happiness score data. Predictors include country GDP and health. The response is a self recorded Happiness Score.
· Analyzed the data using multiple linear regression and looked for statistically significant variables.
· Predicted Happiness Scores of countries based off given factors and used the AIC model fitting technique to evaluate various models.

EXPERIENCE

Undergraduate Research Assistant   October 2018 - Present
Simpson Lab (UCSB) — Santa Barbara, CA

· Utilize MATLAB to perform quantitative behavioral analysis.
· Collaborate in a group to organize experiments and predict fly movements.

Data Science Club Finance Officer   May 2018 - Present
Data Science UCSB (Campus Organization) — Santa Barbara, CA

· Create monthly financial reports for Data Science UCSB.
· Managed new membership sign ups.

Health Promotions Intern   August 2017 - June 2018
UCSB Dept. of Health & Wellness — Santa Barbara, CA

· Utilized Excel to gather and analyze health data and used findings to make decisions on future programming and health interventions. Also ensured protection of data that comes into the department (HIPAA trained).
· Facilitated workshops on nutrition, stress management, positive psychology, and sexual health.

SKILLS

Technical: R, Python, SQL, Excel, LaTex

Language: Spanish