Rafael Hernandez

(323) 836-3435 • [Rafael.Hernandez852@gmail.com](mailto:Rafael.Hernandez852@gmail.com) • Los Angeles, CA

**Objective**: To apply Statistical Inference, and problem-solving techniques to create informed, data-driven decisions.

**Education**

* *Master of Science in Applied Mathematics* - August 2020 to May 2022

California State University, Long Beach, Long Beach, CA

* *Bachelor of Science in Applied Mathematics* - August 2017 to Dec. 2019

California State University, Long Beach, Long Beach, CA

**Relevant Coursework**

Multivariate Statistical Analysis • Regression Analysis • Statistical Inference • Data Informatics • Statistical Machine Learning

**Projects**

* *Discrete Choice on Student Learning Preferences*, Data Informatics (Stat 576) Aug. 2021
* *Income Inequality using Bayesian Networks*, Data Informatics (Stat 576) Oct. 2021
* *Sentiment Analysis for Product Reviews*, Data Informatics (Stat 576) Dec. 2021
* *Student Performance in Mathematics Exams*, Regression Analysis (Stat 510) Aug. 2020
* *Multigrid Method for Solving Nonlinear Ordinary Differential Equations*, Advanced Scientific Computing (Math 573) Dec. 2021

**Work Experience**

* *Graduate Assistant*, California State University, Long Beach, Aug. 2021 – Dec. 2021
* *Secretary,* Tax Bridge Advisors Corp, Los Angeles, CA, Feb. 2020-May. 2020
* *Math Tutor*, Los Angeles City College, Los Angeles, CA Aug. 2016 – Dec. 2019

**Technical Skills**

* Programming Languages: Python, R, C++, Tableau, SQL, Git, MATLAB, Excel
* Logistic, Linear Regression, K-means Clustering, PCA, KNN, Decision Trees, Discriminant Analysis, Bayesian Networks, Natural Language Processing
* Languages: English, Spanish