**Ricardo RENDON** (530) 601-8824,rrendon@ucdavis.edu

[www.linkedin.com/in/RicardoRendon-DataAnalyst](http://www.linkedin.com/in/RicardoRendon-DataAnalyst) <https://ricardorendonr.github.io/>

San Francisco, CA (Open to relocation)

**Technical Skills**

SQL Python R Tableau Basic HTML Basic CSS

C++ (OOP) Excel Access Octave MS Word React Native

**Education**

**B.S. Statistics**, University of California, Davis, CA June 2019

**Minor: Computer Science**, GPA: 3.4

*Additional coursework:* October 2019 - April 2020

-Coursera: Machine Learning, Deep Learning Specialization,

Applied Data Science Python Specialization.

-Udemy: The Ultimate MySQL Bootcamp

-Udacity: Data Engineer Nanodegree

**Work History**

**Data analytics** August 2020 - Present

**coopcareers**, San Francisco, CA.

-Apprenticeship focused on: SQL, Tableau, Google Analytics, Salesforce, Excel.

**Data analytics,** 1-month contract. July 2020 - August 2020

**Bioventures**, Davis, CA.

-Created a python script to clean and restructure the original database.

-Migrated database to Microsoft SQL Server to have a more efficient way to store and retrieve information.

-Created a data analysis dashboard and presented a data analytics report (python).

-Built a web interface using Django to store new records and to retain the data integrity of the database.

**Intern**  July 2019 - Sept 2019

**Launchpad**, Davis, CA.

-Created and presented data-driven strategies for campaigns and projects for non-profit agency.

*Additional experience: Lift Scanner at Breckenridge Ski Resort; Vehicle Inspection at LR Travel Agency.*

**Projects**

***Profitable Loans:*** Determined viability and return on banking loans using data exploration and variable selection.

**Outcome**: Achieved 92% cross-validation accuracy (logistic regression, KNN [K-nearest neighbors], random forest, and neural network) on the acceptance of a profitable loan and an average error of 1.024 for the estimated interest rate.

***Instagram app:*** Developed front end (React Native) and back end (Firebase) app similar to Instagram.

**Outcome**: Selected best KPI to track the performance and performed A/B testing to improve the personality (appearance) of self-designed app.

***Craigslist web scraper:*** Web scraped Craigslist to obtain data on Sacramento’s house rentals (Beautifulsoup).

**Outcom**e: Adaptable code for any location inside the U.S.A. Utilized logistic regression, KNN, RFE (Recursive Feature Elimination) to predict the location of houses, and achieved 65% accuracy of prediction of the location vs. 17% for random guessing. Utilized linear regression to predict renting prices–achieved with an average error of $200.

***Real estate analysis****:* Analyze and select the most relevant features for predicting the market value of a house.

**Outcome**: Achieved an RMSE (standard deviation of residuals) of $30,000 utilizing LASSO,

KNN and CV (cross-validation) (R).

*Additional achievements include building a program capable of categorizing numbers from handwriting images with 96% accuracy; utilized graphical analysis to identify bike riding patterns in the cities of Los Angeles and San Francisco.*

**Languages:** English and Spanish