

# RICARDO RENDON

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**Data analyst** driven to solve inquiries and present results in easily understood formats. Capable of utilizing existing programs and learning new technologies to achieve an efficient interpretation and management of data.

## EDUCATION

**B.S., Statistics**, University of California, Davis, CA June 2019  
**Minor: Computer Science**, GPA: 3.4

*Additional coursework:*

Coursera: Machine Learning , Deep Learning Specialization, October 2019 - Jan 2020  
Applied Data Science Python Specialization.

Udemy: The Ultimate MySQL Bootcamp February 2020

Udacity: Data Engineer Nanodegree April, 2020

## WORK HISTORY

**COOPCAREERS**, San Francisco, CA August-December 2020

**Data analytics, Apprenticeship** (night hours)

-Online (due to covid) apprenticeship focused on : SQL, Tableau, Google Analytics, Salesforce, Excel.

**Bioventures**, Davis, CA

July 2020

**Data analytics**

-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.

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

**LAUNCHPAD**, Davis, CA

July 2019 -Sept 2019

**Intern**

-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.*

## TECHNICAL SKILLS

SQL	Python	R	Tableau	Basic HTML	Basic CSS
C++ (OOP)	Octave	Excel	MS Word	Access	React Native

**LANGUAGES:** English and Spanish

## PROJECTS

**Assignment:** 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.

**Assignment:** 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.

**Assignment:** Web scrap Craigslist to obtain data on Sacramento's house rentals (Beautifulsoup).

**Outcome:** Adaptable code for any location inside 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.

**Assignment:** Analyze and select most relevant features for predicting 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 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.*