

# RICARDO RENDON

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<https://ricardorendonr.github.io/index.html>

San Francisco, CA (Open to relocation)

## TECHNICAL SKILLS

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

## EDUCATION

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

June 2019

**Minor: Computer Science**

*Specialized coursework:*

October 2019 - April 2020

-**Coursera**: Machine Learning, Deep Learning Specialization, Applied Data Science Python Specialization.

-**Udemy/Udacity**: Data Engineer Nanodegree, The Ultimate MySQL Bootcamp

## WORK EXPERIENCE

**Data Analytics Apprenticeship**

August 2020 – December 2020

**COOP CAREERS**, San Francisco, CA.

- Apprenticeship focused on: SQL, Tableau, Google Analytics, Excel.
- Constructed visualizations and proposed suggestions on Doordash rides dataset. Utilized Tableau, Python and Excel to create dashboards capable of detecting malicious activity, beneficial for making deployment decisions and explanation of missing data.
- Analysed bike-share dataset from Lyft 2017-2020. Identified trend and seasonal components. Forecasted amount of rides and determine the expected loss of revenue due to COVID-19.

**Data Analytics Intern**

July 2020 - August 2020

**Bioventures**, Davis, CA.

- Tasked with cleaning and organizing excel dataset. Designed reusable Python script to restructure the original file. Converted unstructured dataset to a well-defined format capable of creating reports and visualizations.
- Initiated the relocation of an excel database to Microsoft SQL Server which resulted in having an efficient way to store and retrieve information. In addition, built a web interface utilizing Python to connect and store new records which resulted in preserving the data integrity of the database.
- Took the initiative to create a data analysis dashboard to monitor KPI. Presented a data analytics report which resulted in a better understanding of metrics such as most valuable customers, lost clients, allocation of resources, and revenue.

**Intern**

July 2019 - Sept 2019

**LAUNCHPAD**, Davis, CA.

- Part of a team in charge of coming up with proposals to encourage the approval of the UC Davis innovation center. Attended town hall meetings and read UCD research environment evaluation to create presentations to persuade and inform residents of Davis on the benefits of the UCD innovation center.
- Obtained and assisted clients on the best practices to deal with foreclosure.

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

## UNDERGRADUATE PROJECTS

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

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

**Instagram app:** Developed front end and back end app similar to Instagram.

- **Outcome:** Selected best KPI to track the performance of the app. Performed A/B testing to improve the appearance of our app (coding language: Python, React Native, Firebase)

**Craigslist web scraper:** Web scraped Craigslist to obtain data on Sacramento's house rentals.

- **Outcome:** 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 regression to predict renting prices and obtained an average error of \$200. Adaptable code for any location inside the U.S (coding language: Python)

**Housing 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 cross-validation ( R )

**CERTIFICATIONS:** Tableau desktop Specialist Certification (in progress)

**LANGUAGES:** English and Spanish