RICARDO RENDON

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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).
Outcome: 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