**Ricardo Rendon**

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# Objective

To obtain a data-driven position where I can apply my data analytics skills to produce a positive significant impact.

# Education (refer to my personal website for more information regarding coursera and udemy certifications)

* University of California, Davis (2016- June 2019) (GPA3.4/4.0)
  + Major: Statistics / Minor: Computer Science
* Sierra College (Rocklin, CA, 2013-2016):
  + Associates of Arts (AA-T) in Economics
* Coursera, Udemy (July 2019-January 2020):
  + Applied Data Science with Python Specialization/ Machine Learning / Deep Learning Specialization/ The Ultimate MySQL Bootcamp (more info on these specializations in personal website)

# Skills

* Python, MYSQL, React Native, Unix, Microsoft Access/Word/Excel, Basic HTML and CSS, Octave, Tableau, C, C++ (OOP), R
* Bilingual (Spanish)

# Projects (refer to my personal website for information regarding my personal projects)

* Analysis of loans data set: June-July 2019
  + Data exploration, data wrangling, and variable selection
  + Goal: predict if a bank should fund the loan and to try to predict the interest rate based on data available.
    - After logistic regression, KNN, random forest and neural network we were able to get a cross-validation accuracy of 92%. For the interest rate, we got an average error of 1.024.
* Instagram app: January 2019- March 2019
  + Developed front end (React Native) and back end (Firebase) app similar to Instagram
  + Selected best KPI to track the performance of the app
  + Performed A/B testing with the goal to improve the personality (appearance) of our app.
* Craigslist (Python): February 2018- April 2018
* Web scraped craigslist to obtain data on Sacramento’s house rentals (Beautifulsoup)
  + Little manipulation of code required to adapt code for a different location (inside USA)
* Divided Sacramento in 6 zones (i.e. Downtown, South Sac), utilized logistic regression, KNN (K-nearest neighbors), RFE (Recursive Feature Elimination) to predict the location of houses.
  + Achieved a prediction of the location with an accuracy of 65%, which is better than the initial 17%(random guessing)
  + Utilized linear regression to predict renting prices based on craigslist data set
    - Achieved an average error of $200
* Kaggle (House Prices Dataset, Python, Lasso): April 2018-April 2018
  + Data cleaning (removing outliers, working with missing values)
  + Analyzed and selected the most relevant features to predict the market value of the house
  + Achieved a RMSE (standard deviation of residuals) of $30,000 utilizing LASSO.
* KNN (K-nearest neighbors algorithm) and CV (cross-validation)(R): November 2017- December 2017
  + Built a program capable of categorizing numbers from images of handwritten numbers (96%accuracy)
* Biking project (R): November 2017- November 2017
  + Graphical analysis of biking dataset of SF and LA with the purpose of identifying riding patterns.

# Work Experience

* Committee Member (internship, campaign project management at Launchpad): Davis, California Jul 2019-Sep 2019

- Performed presentations and analysis on how to approach new campaigns and projects with Gateway Realty Partners.   
- Reached out to customers to help and inform on the best practices on how to deal with foreclosure.

* Breckenridge Ski Resort (Lift Scanner): Breckenridge, Colorado Jan 2016-Feb 2016 - Authorized access to the ski resort and managed problems regarding invalid passes.
* L.R. Travel Agency (vehicle rental) Assistant: Arequipa, Peru Nov 2011-Jan 2012 - Management of vehicles and transportation between headquarters, customers and auto mechanics