Ricardo Rendon

Davis, CA 95618 (Open to relocation on a global level)

5306018824 | Email: rrendon@ucdavis.edu | Personal website: https://ricardorendonr.github.io

OBJECTIVE

To obtain a position where I can apply my data analytics skills to make a positive impact.

EDUCATION

- University of California, Davis (2016-2019) (GPA3.4/4.0)
  - Major: Statistics / Minor: Computer Science
- Sierra College (Rocklin, CA):
  - 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 specialization 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

- Analysis of loans data set (group project) (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 percent error.
- 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 multiple 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):   Davis, California Jul 2019-Sep 2019
  - Participated in group presentations with new ideas on how to approach campaigns.
  - Contacted costumers 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. Representaciones Turisticas SAC (travel agency, vehicle rental) Assistant: Arequipa, Peru Nov 2011-Jan 2012
  - Management of vehicles and transportation between headquarters, customers and auto mechanics