Ricardo Rendon

44336 Clubhouse Drive, El Macero CA 95618
5306018824 | rrendon@ucdavis.edu

OBJECTIVE

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

EDUCATION

- University of California, Davis (2016-2019) Expected graduation: June 2019(GPA3.4/4.0)
    - Major: Statistics / Minor: Computer Science
- Sierra College (Rocklin, CA)(graduated 2016):
    - Associates of Arts (AA-T) in Economics

SKILLS

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

PROJECTS

- Final Data Science/Analytics project (in progress):
    - Analysis of New York parking tickets data set.
- 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 $30000 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.

COURSEWORK

- Statistics:
    - Probability theory, ANOVA, Linear Regression Analysis, Nonparametric Statistics, Categorical Data, Multivariate Data analysis, Time series, Statistical Data Science series (data analysis, visualization, SQL, databases, parallel computing)
- Computer Science:
    - Object-oriented Programming, Data structures, Computer Architecture, Database, Networks, Algorithms, AI NLP (in progress), Machine Learning (Coursera, Stanford)(in progress)
- Economics:
    - Money and Banking, Health Economics, Financial Economics, Macro/Micro Economics

WORK EXPERIENCE

- Breckenridge Ski Resort — Breckenridge, Colorado

Lift Scanner: Jan 2016-Feb 2016

Authorized access to the ski resort and managed problems regarding invalid passes.

- LR Representaciones Turisticas SAC (travel agency, vehicle rental company) — Arequipa, Peru

Assistant: Nov 2011-Jan 2012

Management of vehicles and transportation between headquarters, customers and auto mechanics