

Wenyao Jiang

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Education

University of California, Los Angeles

B.S. IN MATHEMATICS OF COMPUTATION

Los Angeles

March, 2019

Work Experience

CrossRoads C.A.C.

Los Angeles

DATA MINING ANALYST

Fall, 2018

- Used ETL, data mining, clustering, and modeling skills for the data from fortune 500 companies for departments that do private donations for non-profit organizations;
- Built the web crawler with python to get information from the data sources; created and managed databases by using SQL on the industry information;
- Visualized, analyzed data and reported to manager to provide solid solutions in different projects, and fully deliver from the start to finish.

UCLA Lab School

Los Angeles

DATA ANALYST

Summer, 2018

- Improved the accuracy of the SIS and CRM database by implementing efficient verification processes using Excel;
- Created several data reporting processes from start to finish, which included the data mining, analysis, and reporting pieces with upper management and to meet deadlines and handle pressure coordinating multiple tasks;
- Managed database objects like tables, indexes, and stored procedures tables based on the requirements, loaded data and pursued data cleansing and auditing to secure data quality.

Projects

NLP Task Classification Project – Indian Law Judgement classification

Python

NAIVE BAYES, LOGISTIC REGRESSION, SVM, XGBOOST; GRIDSEARCH

Task: to predict the legal documents with the right labels. After the process of text preprocessing, model selection, training classifiers with the pipeline, the project achieves the accuracy of 74%.

House Price Prediction

Python

FEATURE SELECTION, FEATURE ENGINEERING, MODEL ENSEMBLE, STACKING

Task: to predict the house price based on the historical data.

Predict Future Sales

Python

DATA VISUALIZATION, EDA, FEATURE ENGINEERING

Task: to forecast the total amount of products sold in every shop for the test set.

Recommendation System Project

Python

ROBUST CONTINUOUS CLUSTERING, K-MEANS

Task: to design a movie recommendation system by content-based filtering method.

Further Education

Coursera

Specialization

MACHINE LEARNING WITH TENSORFLOW ON GOOGLE CLOUD PLATFORM GOOGLE CLOUD

Aug, 2019

Skills

Programming Python, R, SQL, MATLAB, C++, JavaScript, HTML, Node.js

Tools Google Cloud Platform, Hadoop, Tableau, AWS, Excel, Google Analytics

Front/Back-end Express, REST API, Hugo