

Wenyao Jiang

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<https://github.com/ffflora>

EDUCATION

Mathematics of Computation, Bachelor of Science

University of California, Los Angeles, 2019

SKILLS

- **Programming Language:** Python, R, SQL, MATLAB, C++, JavaScript, HTML, Node.js
- **Tools:** Google Cloud Platform, Hadoop, Tableau, AWS, Excel, Google Analytics

EXPERIENCE

Cross Roads C.A.C

Data Mining Analyst Intern

Sept – Dec, 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

Data Analyst

June – Aug, 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, visualization and reporting pieces with upper management and to meet deadlines and handle pressure coordinating multiple tasks;
- Created database objects like tables, indexes, views, cursors, triggers, 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)

With 900/1000 legal text files are labeled with the area of laws, the task is to predict the rest of 100 files and map them to the right label. After the process of text preprocessing, model selection, training classifiers with pipelines and analyze the result, the project achieves the accuracy of 74%.

Recommendation System Project (Python)

Used Robust continuous clustering and k-means algorithm to design a movie recommendation system by content-based filtering method.

Further Education

Machine Learning with TensorFlow on Google Cloud Platform

Google Cloud, Coursera ‘Specialization’, 2019