Back- end Developer Back-end Developer Los Angeles, CA Work Experience Back- end Developer Acertas - Los Angeles, CA May 2019 to Present   Connecting AWS and airflow by docker to visualize and validate data in order to manager the ETL process automatically, and bug free easier.

   Managing PostgreSQL Database to support data analytics and provide pipelines for statistical modeling.   Implementing ensemble methods including voting, bagging and boosting to forecast future results and building pipline for data management. Ride-Share Full Stack APP February 2019 to Present   Responsible for developing and predicting the health of Restaurants using Yelp and Government inspections data   Reporting a comparison study of four supervised machine learning approaches for classifying a restaurant's health   Evaluated restaurant to maintain performance records and indicators to address deficiencies and opportunities   Created dataset, combining Yelp features and the US Government health dataset available online for Las Vegas   Substantiated data using web scraping and user-based collaborative filtering to ensure accuracy and efficiency   Achieved 0.90 sensitivity and 0.50 F1 score, curated dataset in SVM linear kernel approach exceeding other algorithms   Classified restaurants with support vector machines, linear SVC, decision trees and Adaboost with decision stumps Yelp DataSet Challenge UNIVERSITY OF SOUTHERN CALIFORNIA November 2018 to Present   Responsible for building a full-stack Uber clone application, including driver and user interfaces for connectivity   Reduced search time by 30% utilizing Firebase to track real time location and data storage of GPS coordinates   Formulated and implemented strategies to analyze and simulate transmission mechanisms UNIVERSITY OF SOUTHERN CALIFORNIA - Los Angeles, CA September 2018 to Present FRONT END INTERN CHIME GROUP - RENREN INC - BEIJING, CN March 2018 to May 2018   Frontend developer to build all-in-one real estate app solution with CRM, IDX, team management, and lead generations Utilized Vue.js and Element to implement data transformation solution using data binding approaches for consistency   Exposed and improved the functionality for the display of data in a flow diagram in order to extract data through a stream BUPT - MAIN RESEARCHER NETWORK AND TECHNOLOGY CENTER FOR COMPUTER SCIENCE September 2017 to May 2018 MAIN RESEARCHER BUPT May 2016 to May 2017 BIG DATA CORRELATION AND MODEL

APPLICATION DEVELOPMENT OF PIG BREEDING   Analyzed and simulated key node transmission mechanisms of industrial chain and quantifying influence coefficient   Sorted and isolated linkage relationships among various links within the industrial chain to clearly highlight opportunities   Forecasted the price of farm products and livestock for ten years, using linear regression and decision tree matrices ASSISTANT RESEARCHER SUPERVISOR CHINESE ACADEMY OF SCIENCES - BEIJING, CN August 2016 to December 2016 RESEARCH AND DESIGN ON PHISHING SITES DETECTION   Proposed detection scheme and extraction strategy for phishing websites based on BP algorithm and ANN neural network   Proposed visual signature extraction method for webpages computing visual signature similarities, on EMD algorithms   Created innovative integrated filter selection scheme achieving phishing target detection accuracy of 94.1% and 0.939 AUC CHINESE ACADEMY OF SCIENCES, BEIJING, CHINA - ASSISTANT RESEARCHER SUPERVISOR AUGUST 2016 - DECEMBER 2016 VISUALIZATION PROJECT CONCERNING AIR QUALITY DATA PROCESSING   Implemented analysis to Overview detail utilizing innovative map visualization in multi-time and point environment change   Developed and presented technical demonstration and evaluation of the final image visualization project report results Education MASTER OF COMPUTER SCIENCE in DATA INFORMATICS UNIVERSITY OF SOUTHERN CALIFORNIA - Los Angeles, CA May 2020 BACHELOR OF SCIENCE in COMPUTER SCIENCE BEIJING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS - BEIJING, CN 2018 Visiting Student of Engineering Illinois Institute of Technology 2017 Skills AWS (Less than 1 year), C++ (5 years), Data Mining (2 years), linear regression (1 year), Java (2 years), Python (4 years), Machine Learning (2 years), Javascript, Jquery, Spark (2 years), MySQL, HTML 5

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