

Kessie Zhang

Skills

PROGRAMMING

Python
R

DATA SCIENCE

Regression
Classification
Clustering
NLP
Topic Modeling
Time Series
A/B Testing
Web Scraping

DATA VISUALIZATION

Tableau
Matplotlib
Seaborn
Plotly

DATABASES AND STORAGE

MS Access
SQL
SQL Server Integration Services(SSIS)
MongoDB
AWS
Hadoop
Hive
Spark

Contact

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in kessie-zhang
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Education

California State University, East Bay
MS Business Analytics 2020

University of California, San Diego
BS Applied Mathematics 2017

Experience

Data Scientist

Metis

San Francisco, CA

July 2019 to Sept. 2019

- Developed end-to-end projects and presented biweekly findings to 20+ data scientist colleagues and company representatives as part of a competitive, immersive data science program.
- Applied NLP and machine learning techniques to deploy a Tableau dashboard to make booking and comparing hotels based on pros and cons more convenient.
- Produced a perfume recommendation system by content-based filtering and clustering on perfume descriptions to help customers identify similar alternatives to their favorite scents.
- Employed classification models to perform customer segmentation on Airbnb users and give recommendations to encourage likelihood of first-time users booking.
- Built a linear regression model on 100+ court NBA performance metrics and salaries scraped from several websites to help NBA teams draft players with high performance-to-cost ratios.

Web Developer Assistant

California State University, Hayward

Hayward, CA

Sept. 2018 to June 2019

- Collaborated with senior developers to design and create clean and interactive webpages for students to help students get information easily.
- Managed incoming requests from different departments, updated the related web development and kept the partner teams apprised of progress all while migrating 50+ university website contents, documents, and graphics on a given launch day.

Data Analyst Intern

Shanghai Pudong Development Bank

Guangzhou, China

June 2018 to Aug. 2018

- Performed detailed loan lending monitoring and verification for residential and consumer mortgage loans to enforce compliance with various policies, procedures, and regulations.
- Analyzed small business and individuals financial data and developed Tableau dashboards to provide insights for assessing credit risks.

Junior Analyst

Novitex Exela

San Francisco, CA

Dec. 2017 to Apr. 2018

- Developed data analysis models using Excel to reduce operational costs and maximize profit yields.
- Reconciled information between pre-existing financial reports and billing statements with customer account information to lessen customer support friction.