Wang (Joe) Jiang

525 West 52nd Street New York, NY 10019
929-319-1562| wj596@nyu.edu

EDUCATION

New York University, Center for Data Science **New York, NY**
MS in Data Science Sep 2022 - May 2024
Relevant Coursework: Probability and Statistics for Data Science, Programming for DS, Intro to Data Science

Fordham University, Gabelli School of Business **New York, NY**
BS in Global Finance and Business Economics, GPA: 3.85/4.0 Sep 2018 - May 2022
Relevant Coursework: Programming with Python, Database Systems, Structures of Computer Science, Information Systems, Statistical Decision-Making, Linear Algebra

PROFESSIONAL EXPERIENCE

American International Group **New York, NY**
Data Analyst, Apprenticeship March - Nov 2021
- Conducted deep research and summarized industry reports of housing demand, airline industry, and credit card spending after the pandemic
- Applied trending analysis on time series net migration data of major metropolitan and micropolitan areas from Census Bureau to compare the influence of pandemic
- Visualized the analysis using Excel charts and graphs and presented directly to Chief Economist

Suzuki Capital LLC **New York, NY**
Business Analyst Intern July - Aug 2016
- Conducted research based on redevelopment proposal on investment overview, financial projections, neighborhood, comparable, teams, and market study on 106 Franklin Street, New York and 4105 29th Street, Long Island City
- Summarized and presented the findings to C-level management

PROJECT EXPERIENCE

Trading Portfolio Data Analysis, bootcamp July 2022
- Evaluated the normalized price and analyzed the performance of 5 U.S stocks based on their return, volatility and sharpe ratio in python
- Optimized the portfolio of stocks based on the statistical analysis of their covariance and correlation matrix
- Generated the efficient frontier for portfolio of stocks by applying monte carlo simulation

Housing Price Projection, bootcamp June 2022
- Performed data cleaning and visualization for San Francisco historical housing data in python
- Achieved feature engineering to analyze and select the important features for modeling
- Established different regression model for predicting house prices and evaluated the performance of the model based on different metrics

Fordham Ram Van Scheduling Database System, Fordham University Sep - Dec 2021
- Designed an Entity/Relationship model with a set of normalized table and report for the proposed Ram Van Scheduling System
- Constructed a relational database with interactive data structures in PostgresSQL and transformed data models into database with specification
- Created and implemented relevant SQL DML statements and REST API in support of the system

Consulting Cup Challenge Competition, Fordham University Sep - Dec 2019
- Conducted a survey to collect feedback about major airlines in the U.S
- Performed sentiment analysis of customer satisfaction index using Pandas DataFrame and NLTK Vader
- Built a decision tree model with 0.91 accuracy score to predict the most critical issue of United Airlines' customer experience
- Evaluated United Airline's stock performance against its competitors and visualized the analysis using Matplotlib
- Collaborated with team to create a presentation and pitched idea to panel of experts