

JENNIE LE

DATA SCIENCE & ANALYTICS

CONTACT

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- Portfolio: bigforehead.github.io

PROFILE

Background in Information Services and Consulting and passionate about building solutions through data analytics to improve efficiencies and drive revenue.

EDUCATION

SEP 2019 – DEC 2020

FORDHAM UNIVERSITY [NEW YORK, NY]

Master of Science in Analytics

GPA: 3.83

JUN 2017 – JULY 20

HARVARD UNIVERSITY [CAMBRIDGE, MA]

Graduate Intensive Course in Investment

JAN 2014 – DEC 2017

ELIZABETHTOWN COLLEGE [ELIZABETHTOWN, PA]

Bachelor of Science in Finance and Accounting

Dean's List

TECHNICAL SKILLS

- Data Analysis
- Statistic and Probability
- Machine Learning
- Natural Language Processing
- Data Visualization
- Python, R, SQL, Excel, Tableau, SPSS
- Pandas, Scikit-learn, NLTK, TensorFlow
- Google Cloud Platform, AWS

AWARD & CERTIFICATIONS

- Honorable Mention – 2020 Fordham Data Crunch Basketball March Madness Bracket Prediction
- Google Analytics Individual Qualification
- Tableau Analyst Certified

EXPERIENCE

GABELLI SCHOOL OF BUSINESS

NEW YORK, NY

Data Science Graduate Assistant

JAN 2020 – DEC 2020

- Collaborated with Dr. Raghupathi to perform **Exploratory Data Analyses** using Tableau and applying **Linear Regression** models to derive insights for over five academic research papers and social good projects.
- Proposed and built a system that performed quadrant analysis using key performance indicators that streamlined the model performance evaluation process by **80%**
- Developed tutorials and **led over 10 workshops** to provide technical training for **120 MBA students** in data analysis tool applications (Tableau, Python, SQL, Excel)

ALVAREZ & MARSAL

NEW YORK, NY

Data Analytics Intern

MAY 2020 – AUG 2020

- Led a team of six to **perform prescriptive and predictive analyses** by applying **Clustering** algorithm and **Natural Language Processing** to examine the relationship between organizational culture and financial performance
- Wrote Python script to collect publicly traded company information from online sources (Glassdoor, Yahoo Finance), reducing man-hours by **98%**
- Designed and built weekly dashboards to track the seasonal trends and analyze monthly corporate financial performance through referral KPIs
- Provided regular reporting on project performance to leadership team and high-level executives

HAVER ANALYTICS

NEW YORK, NY

Economic Research Analyst

MAR 2018 – FEB 2019

- **Queried data** from internal and client databases and performed **ad hoc analysis** using **Oracle MySQL** to generate product insights
- Coordinated with cross functional teams in the New York, London, Singapore, and Tokyo to build product development solutions based on insights
- Reduced costs for routine database updates process by **90%** by writing Python scripts to **automate ETL tasks** and quality check for 250 databases
- Led a team of two and revamped database systems by implementing weekly code review to ensure client's data accuracy and validity

PROJECTS

College Basketball Bracket Prediction

- Engineered new features and applied **Random Forest**, **Logistic Regression** algorithms, and **Cross Validation** to predict 2020 NCAA Men's College Basketball Tournament bracket with **78%** accuracy and **0.51** log loss

Personalized and Collaborative Filtering Music Recommender

- Created two systems to recommend song based on users' listening history and lyrics by querying 3GB data from **SQLite** server, deploying **Alternative Least Square** algorithm and **Grid Search** on **Google Cloud Platform**, and applying **Natural Language Toolkit** and **Latent Dirichlet Allocation**

Twitter Malicious Bots Classification

- Built a **Random Forest** classifier using **SPSS** to predict spam bots, scam bots, and fake followers by scraping +200,00 tweets using **Twitter API**, performed **exploratory analysis** with **Tableau**, and engineering new features with **Tweet Semantics**, reached **91.7%** accuracy