

GAVIN JONES

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SKILLS

PROGRAMMING LANGUAGES: Python, SQL, Bash

LIBRARIES: Pandas, SKLearn, Regex, SpaCy, NumPy, BeautifulSoup, Selenium, StatsModels, Math, Facebook Prophet

DATA VISUALIZATION: Matplotlib, Seaborn, PyLDAvis, Folium, Streamlit

MODELS & ALGORITHMS (SKLEARN, ETC): LinearRegression, LassoCV, RidgeCV, Train_Test_Split, XGBoost, Random Forest, Decision Tree, K Nearest Neighbors, SVC, Linear SVC, Naive Bayes, NLP, LDA, LSA, NMF

FINANCE: Capital IQ, Salesforce, Bloomberg

EXPERIENCE

Metis Data Science Boot Camp

Data Scientist · Sept. 2020 to Dec. 2020 · New York, NY

Completed an immersive 12-week data science bootcamp with a strong emphasis on project-oriented skill-building in problem solving, data wrangling, statistical modeling, machine learning, and communication of deliverables. Project highlights include:

- **NLP Driven Amazon Investment Model:** Amazon Investment model that determines buy and sell signals through an understanding of press release driven seasonality and outperformance. *Packages used include:* Sklearn (LDA, TfidfVectorizer), SpaCy, BeautifulSoup, Pandas, Facebook Prophet.
- **Analysis of Governor Cuomo's Daily COVID Updates:** NLP Topic Analysis of NY Governor Andrew Cuomo's Daily COVID-19 updates between March 10th and October 26th. *Packages used include:* Sklearn(LDA, pyLDAvis, LSA, NMF, CountVectorizer), SpaCy, Pandas, Matplotlib, Regex.
- **NFL Five-Year Spread Analysis:** understanding inefficiencies in NFL point-spreads through classification modeling. Modeling includes logistic regression, K nearest neighbors, random forest, XGBoost and naive bayes. *Packages used include:* Sklearn, Pandas, NumPy, and XGBoost. Significant exploratory data analysis (EDA) required for feature engineering.
- **Queens Real Estate Pricing Analysis:** using linear, ridge, and lasso regression to establish a pricing model for single family homes across Queens, NY. Regressions are based on property attributes scraped from the web. *Packages used include:* Sklearn, BeautifulSoup, Pandas, Matplotlib, NumPy, Seaborn.
- **NYC Subway Station Volume Analyses:** examining NYC subway entrances through EDA. *Packages used include:* Pandas, Matplotlib and Folium.

Barings, LLC

Private Equity Funds & Co-Investment Analyst · June 2017 to July 2020 · New York, NY

- Presented the viability, performance and investment expectations of 43 opportunities with the goal of persuading the Barings Investment Committee to accept my investment recommendation.
- Screened of 156 investment opportunities (including 72 co-investments), culminating into the successful investment of six.
- Conducted macroeconomic research to provide underlying support for investment opportunities under review.
- Manipulated co-investment models in excel to generate sensitivity analyses for identifying, evaluating and managing risks associated with potential investments.
- Reviewed Limited Partnership Agreement for advanced-stage investment contracts to identify problems within and provide solutions to potential contractual issues and legal amendments.
- Established rapport with upstream clients and downstream partnerships to maintain an exemplary level of client services, remaining flexible to manage ad-hoc requests and maintain strong relationships.
- Led the quarterly valuation and monitoring process of more than 20 investments, collaborating closely with the Business Intelligence and Operations teams to provide a high quality investment outlook.
- Provided mentorship to new hires on the team by training new analysts on processes and guidance on best practices.

HarbourVest Partners

Portfolio Data Analyst · Feb. 2016 to June 2017 · Boston, MA

- Recorded NAVs, distributions, performance multiples, and researched private equity news for funds, co-investments and secondary investments.
- Cultivated a solid foundation in basic investment accounting through deep analysis of quarterly financial documents.
- Interpreted data from over 100 private equity financial statements each quarter.
- Utilized Excel and ThomsonOne extensively to report data in a common and easy to understand format.

Wellington Management Company

Fixed Income Business Management Intern · Jan. 2015 to July 2015 · Boston, MA

- Conducted macroeconomic research to facilitate topic development for speakers at Fixed Income Morning Meetings.
- Coordinated with investors and the business management team to ensure the continuity of business.
- Compiled and calculated information to present a neat and organized quarterly newsletter and PowerPoint presentation.

EDUCATION

Northeastern University · Sept. 2011 to Dec. 2015

Bachelor of Science in Political Science & Business Admin, Concentration in Finance 2015