

# Jared Berman

github.com/jaymberman

Data Scientist

- Inquisitive and dedicated technical professional with three years of open-source software experience analyzing data & developing models
- Experienced in supervised and unsupervised learning techniques, deep learning, data pipelines, model scoring & deployment
- Solid general programming skills, knowledge in a wide range of technologies, and a strong aptitude and desire to learn more

## Experience

2020-

### Data Scientist, Advertisement Analytics & Insights, Spark Foundry

- ◆ Wrote clean and efficient code in Python to automate data quality assurance, ingestion, and reporting.
- ◆ Created & maintained dozens of data dashboards.
- ◆ Pulled, quality assured, and transformed data from various sources, on the scale of tens of millions of advertisement impressions per week and dozens of attributes per row.
- ◆ Compiled & presented reports delivering insights and statistical analyses including hypothesis & A/B testing and regression to clients with annual advertising budgets exceeding \$10MM.

2020-

### Mathematics Instructor, Hunter College

- ◆ Taught undergraduate courses including linear algebra for computer & data science, numerical methods, and discrete math & statistics.

## Skills

**Programming Languages:** Python, SQL, C++, Java, Bash

**Development Technologies:** Git, GitHub, Docker, Heroku, Jupyter Notebook, Conda

**Cloud Technologies:** AWS

**Machine Learning Frameworks:** Scikit-Learn, XGBoost, Keras, MLLib, Statsmodels

**Distributed Frameworks:** Hadoop/Cloudera Ecosystem (Ambari) including Apache Spark, Hive, Hbase, and Pig

**Data Analysis Libraries:** Pandas, NumPy, Matplotlib, Seaborn

**Basic Skills:** Linux platform, package & dependency control, documentation reading & troubleshooting/debugging, data structures & algorithms

## Education

### Master's Degree, Applied Mathematics

Hunter College, New York, New York, 2017-2019

### Bachelor's Degree, Mathematics

Hunter College, New York, New York, 2014-2017

### E-learning Courses

Udemy - Deployment of Machine Learning Models; Git Complete; Data Science for Business; The Ultimate Hands-On Hadoop; Spark and Python for Big Data; GCP: Complete Google Data Engineer and Cloud Architect Bootcamp