

Ethan King

347A Slocum Way
Fort Lee, NJ 07024

(973) 216-4880

king.ethan@gmail.com

Experience:

**NEW STREET
RESEARCH**
New York, NY
2019 - 2020

Data Engineer and Business Intelligence Developer

- Developed a live Twitter stock sentiment analysis app using Stanford CoreNLP, Scala, and Apache Spark-Streaming for use in technology sector research.
- Designed the ETL pipeline that combines Salesforce data, web server logs, stock holdings data, and market research data into a data warehouse ready for BI using Airflow, Python, Stitch, dbt, SQL, BigQuery, and AWS.
- Collaborated with data stakeholders to model KPIs and design dashboards for budget forecasts, account churn, client interactions, and overall research analyst value with Snowflake, Microsoft Power BI, Tableau, and Plotly Dash.

**MBA TEAM
CONSULTING
(RBS)**
2016, 2019

Marcus Samuelsson Group – Product Launch Consulting 2019

- Lead a group of students in developing a business plan for a puffed teff grain snack including supply, storage, distribution, and financing.

Samsung Talent Management – Organizational Behavior 2016

- Presented to HR & Management findings and recommendations from firm-wide surveying and focus group testing that would reduce employee turnover by 20% with a confidence level of 95%.

**SAMSUNG
ELECTRONICS**
Ridgefield Park,
NJ
2014 - 2018

Warranty Data Analyst

- Implemented live dashboards and trend analytics across the internal data warehouse and SAP databases using Python and SQL.
- Developed ETL pipelines to combine client data sources across North America.
- Recovered potential claim costs of \$500k per year with automated fraud detection techniques using python and natural language processing.

**BARCLAYS
CAPITAL INC.**
Jersey City, NJ
2012 - 2014

Instrument Database and Pricing Analyst

- Managed data sanity and accuracy for all securities listed and traded across systems used firm-wide.
- Automated and streamlined processes using shell scripting, macros, and Access to improving team efficiency and productivity by 30%.

**NOMURA
SECURITIES**
New York, NY
2009 - 2011

Equity Derivatives Middle Office Analyst

- Automated daily reconciliations and processes with time savings of 85%.

- Designed A/R and A/P operating procedures for a remote team in Mumbai, decreasing aged accounts receivables and driving cost savings of 75%.

**BARCLAYS
CAPITAL INC.**
Jersey City, NJ
2006 - 2009

Prime Services and Options Analyst

- Supported prime brokerage clients, proprietary trading, and back office equities operations.
- Assisted in strategic planning, documentation, and cross training after the Lehman Brothers acquisition.

Certification: **Amazon Web Services Solutions Architect Associate**

Education: **Rutgers Business School** Newark, NJ
Master of Business Administration
Analytics and Information Management, May 2019

Rutgers College New Brunswick, NJ
Bachelor of Arts, Mathematics and Economics, May 2006

Additional:

- Skilled in Python, Plotly Dash, Scala, Spark, SQL, C++, AWS, Serverless Framework, Github, MS Office Suite, Power BI, Access, Tableau
- Interested in Music Production, Entrepreneurship, Gaming, Cooking, Cycling, Travel, and the Outdoors.