**Nicholas E. Reese**

Van Ness, Washington D.C.

412-216-2398

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**Education**

* Georgetown University - August 2023 – December 2024
  + Master of Science Business Analytics – MSBA candidate
  + Peer-Elected Class Representative
* Dickinson College - August 2014 – September 2018
  + Economics & Political Science Double Major
  + Varsity Tennis Captain
* University of Bologna - August 2016

**Skills**

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| --- | --- |
| * R studio | * Python |
| * Power BI | * SQL |
| * Neural Networks | * Machine Learning |
| * Macro Modeling | * AWS Cloud Services |
| * Pandas | * A/B Testing |
| * Scikit-Learn | * Econometrics |

**Professional Experience**

**FINRA,** Washington, D.C. **June 2020 – Present**

Senior Analyst, Market Regulation **September 2022 – Present**

* Earned top 10% of performance of analysts for past two years.
* Led team in research implementing PostgreSQL and NoSQL queries for large data pulls.
* Spearheaded new analytical approaches to financial workflow with tools such as R & Python for model development.
* Developed working predictive modeling schemas for senior staff using statistical analysis.
* Leveraged skills in platforms like Python, R, Power BI, Tableau and SQL accompanied with strong statistical background in financial markets.
* Built the Security-Based Swap training manual deck & produced the recorded info session for all of FINRA.
* Selected for the FINRA’s first Georgetown Advanced Analytics Program as one of the most junior staff awarded opportunity.
* Incorporated statistical analytics to assist in creating a NPL tool to analyze financial documents language to minimize time on manual analysis.
* Produced unsupervised and supervised models to perform analysis for Security-Based Swaps trade patterns.
* Improved FINRA platforms with Data Scientists for higher accuracy and efficiency.
* Managed process of re-engineering supervisory reviews through advanced analytic tools for senior staff.
* Implements advanced analytics to assist senior staff with maximizing efficiencies in daily workloads and trade pattern creations.
* Presented visualization case work using Power BI & Tableau to senior leadership.
* Persuaded senior staff to allow for statistical analytics tools like R.
* Mentored over 20 junior & senior staff members on improving processes with analytical tools for financial reviews.
* Managed junior staff with day-to-day workload while teaching the staff how to use advanced analytics.

Analyst, Market Regulation **June 2021-September 2022**

* Created macroeconomic models for newly implemented FINRA Rule 2232 and MSRB Rule G-15.
* Mentored junior staff with creating macro models, synthesizing responses from FINRA member firms.
* Won the Regulator Scholarship for continued financial learning based on individual performance.
* Received six internal awards for expertise in Municipal and Corporate Bond analysis as an analyst.

Associate Analyst, Market Regulation **June 2020 – June 2021**

* Created macroeconomic models to quantify business models of selected firms for FINRA Rule 2232.

**BNY Mellon,** Pittsburgh, PA **September 2019 – June 2020**

Corporate Trust Associate

* Leader & instructor of the Bloomberg software for the Corporate Trust Team.

**LendingHome**, Internship, Pittsburgh, PA

Funding Specialist & Post Closing Member **March 2019 – August 2019**

* Reviewed closing documents to ensure precise execution for funding staff.

**Veraction/Trax**, Junior Business Analyst, Memphis, TN **June 2016 - August 2016**

* Led the creation, development, and implementation of Request For Proposal (RFP) database.