

Sam Finard

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EDUCATION

New York University

Bachelor of Arts in Computer Science, CS GPA: 3.5

December 2024

- Minor in Mathematics and Music
- Relevant coursework: Predictive Analytics, Algorithms, Data Structures, Robotic Intelligence, Calculus III, Linear Algebra, Real Analysis

SKILLS

Computer: Python, Java, Excel, VBA

EXPERIENCE

SMBC, Financial Analyst

August 2024 - Present

Designing, implementing, and supporting technical solutions which improve day to day trading activities, such as finalizing daily PnL. Overseeing and reviewing accuracy of fixed income trading execution with a focus on reliable code. Interacting within a larger team which includes financial analysts, quantitative developers, and traders.

SMBC, Portfolio Analysis Internship

December 2023 - August 2024

Automated daily manual tasks for the Fixed Income trading desk using Python and Excel. Supported and improved existing financial operations.

Octavate, Software Engineer Internship

October 2023 - December 2023

Applied data analytics techniques to identify emerging artists using Python and DBEaver. Used a neural network face detection Python package (MTCNN) to identify artist features.

Undergraduate Researcher at AI and Predictive Analytics Lab

October 2023 - May 2024

Studied creativity within AI with a group of graduate students under Professor Anasse Bari's supervision. Built a corpus of related works and developed a model to compare potential of existing LLMs.

USAMTS Contest Grader

October 2023 - November 2024

Evaluated and graded student contest submissions in competitive high school mathematics. Provided individualized feedback which critiques the overall methodology and format of the solution.

PROJECTS

Predicting DJIA prices using popular song lyrics in Python and RapidMiner

August 2023

Explored the relationship between DJIA closing prices and popular song lyrics using sentiment analysis and predictive modeling. Used a Kaggle dataset to get all Billboard Hot 100 songs and the lyricsgenius Python package to obtain lyrics for each of the 3100+ unique songs. Found a statistically significant correlation between the two.

ORGANIZATIONS

Treasurer of SLAM! Poetry, New York University

January 2021 – September 2023

Recognized as a top club leader out of over 600 leaders based on my involvement and experience