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OBJECTIVE

Enthusiastic Financial Mathematics student with strong technical skills and a passion for data science seeking an internship position at JPMorgan to apply my analytical and problem-solving abilities to the real-world financial markets.

EDUCATION

Baruch College New York, NY
Bachelor of Science in Financial Mathematics Expected June 2026
Minor in Computer Science GPA: 3.81
Relevant Courses: Python Programming, Multivariable Calculus, Linear Algebra,
Calculus-Based Probability, Introduction to Pure Mathematics, Algorithms,
Computers and Programming II (C++), Introduction to Machine Learning, Numerical
Methods for Differential Equations

TECHNICAL SKILLS

Languages: C++, Python, HTML, NumPy, Pandas, Matplotlib, Scikit-Learn
Design & IDE Tools: Visual Studio, Matlab, Spyder, Jupyter Notebook Office
Tools: MS Word, Excel, PowerPoint Operating Systems: OS X, Windows 7/8/10/11, Linux, Ubuntu

RELEVANT EXPERIENCE

Math Tutor Baruch SEEK
New York, NY August 2022 - September 2023

- Assisted first-generation college students through SEEK's academic and financial support program.
- Encouraged and motivated students to pursue mathematics-related majors.

ACADEMIC PROJECTS

Implied Volatility Calculator October 2023 - April 2024

- Developed an algorithm for numerical integration of a normal distribution.
- Utilized inputs such as option price, spot price, strike price, risk-free interest rate, and maturity time.
- Applied the Black-Scholes equation and Newton's method to determine implied volatility.
- Planned future enhancements to integrate an option database for automated data collection.

PROGRAMS

CUNY Tech Prep Year-long program

- CUNY Tech Prep is a year-long technical and professional development program for CUNY computer science and related majors to learn in-demand technologies, master professional soft skills, and land great tech jobs in NYC.

EXTRACURRICULAR ACTIVITIES

Financial Quants and Engineers March 2022 - Present

- Baruch College Secretary/Project Manager

Tiger Schulmann's Martial Arts February 2023 - Present

- Kickboxing and Jiu-Jitsu