MS QUANTITATIVE FINANCE

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SUMMARY

MS in Quantitative Finance candidate with an undergraduate degree in Finance. Strengths in computer tools, analytical skills and leadership. Seeking an internship in financial modeling or risk management.

EDUCATION

Frank G. Zarb School of Business, Hofstra University Hempstead, NY
MS. in Quantitative Finance, May 2016 , GPA: 3.88
Courses: Computational Finance with Matlab, Mathematical Finance, Time Series Analysis with R, Derivatives Markets
Baruch College, New York, NY
BS. in Finance, May 2014**,** GPA: 3.91
Courses: Derivatives & Risk Management, Excel VBA, Investments, Corporate Governance, Operations Management

AWARDS

Bloomberg Essential Program in Equity, Fixed Income, Foreign Exchange, and Commodity
Baruch College Merit Award 2011-2014, Presidents List 2011-2014
Baruch College Academic Achievement in Finance, 2014

PROJECTS

EWMA Volatility Analysis Spring 2015

- Apply user-defined function to build Matlab model and conduct Weighted Exponential Moving Average analysis for both stock price and stock volume. Use bootstrap methodology to back test whether the volatility estimation is acceptable and identify the correlation between different variables.

Forecasting of Connecticut Employment Spring 2015

- Use Time Series Forecasting method to forecast the employment status in the following twelve months based on the data conducted by the National Security Agency (NSA)

PROFESSIONAL EXPERIENCE

***Research Assistant*, Finance Department, Hofstra University**, Hempstead, NY Sep. 2014-May 2015

- Compiled data of Investors and Shareholders Activism with professional Bloomberg Terminal for research purposes
- Tutored undergraduate students from Financial Modeling class with Excel and VBA skills
- Researched and studied the functionalities of trading software X Trader, and tested the feasibility of using X Trader to do algo-trading through Matlab

***Finance Analyst Intern,* Transamerica Financial Advisors, Inc.**, Hauppauge, NY Feb. 2014-May 2014

- Analyzed investments alternatives—both in-house and sell-side—for different clients' risk preferences
- Performed needs-based analysis for clients with Excel

***Tutor,* Hofstra University**, Hempstead, NY Feb. 2013-Dec. 2013

- Conducted tutoring sessions for students in business courses, e.g. Applied Statistics with Excel, Time Series Forecasting & Modeling, Operations Management with Linear Programming, Finance Derivatives Markets, and Investments & Advanced Corporate Finance.

LEADERSHIP

***President*, Hofstra Quants & Traders (HQT),** Oct. 2014-Present

- Revived and re-built the student association. Expand the association from zero to nearly forty in six months.
- Serve as a member of the Zarb School of Business Graduate Student Leadership Board. Collaborate with the leaders from other student associations and co-host events.

SKILLS

- Programming using Matlab, Statistical modeling using R, data analysis using Excel (Pivot Table, VLOOKUP, VBA)
- Chinese Mandarin