

# HUY NGUYEN

New York, NY

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## EDUCATION

**Harvard University**, Extension Studies, Master of Liberal Arts in Finance

**Pace University**

New York, NY

Bachelor of Business Administration in Finance (B.B.A), with a Minor in Business Analytics

Bachelor of Science in Business Economics - STEM-designated (B.S)

Master of Science in Applied Quantitative Economics and Analysis - STEM-designated (MSc)

May 2024

**GPA:** 3.9 (Undergraduate) | 4.0 (Graduate)

**Honors:** Honors College | Dual Summa Cum Laude | Beta Alpha Psi | Beta Gamma Sigma | Dean's List | Society of Fellows

**Relevant Coursework:** Advanced Game Theory | Data Analytics | Advanced Spreadsheet Skills | Python & R | Corporate Finance | Portfolio Analysis | Risk Management | Business Strategy | Predictive Analysis

## WORK EXPERIENCES

**Mizuho Securities USA**

New York, NY

*Credit Portfolio Management - Summer Analyst*

May 2023 - August 2023

- Generated daily, weekly, and quarterly risk analytics using Credit Benchmark and Moody's EDF data, monitoring performance across equities, bonds, and loan portfolios for the Credit Risk team
- Collaborated with the Securitization Director to formulate a comprehensive quarterly real estate portfolio analysis covering non-recourse loans, delivering strategic insights to the Executive and Chief Risk Officer
- Enhanced portfolio risk management with Credit Rating Director through industry concentration analysis, implementing reallocation strategies that reduced high-risk exposure by 10%
- Built an automated data integration system under the Data Management Director's guidance, streamlining external and internal data processes to reduce manual processing time by 60%
- Led strategic research on AI's impact on loan portfolios, presenting findings and recommendations to the Credit Risk Committee that were incorporated into long-term corporate strategy

**SSI Security Corporation**

Hanoi, Viet Nam

*Equity Research - Apprenticeship*

July 2020 - December 2020

- Delivered actionable investment insights to managers through weekly reports synthesizing financial data, industry trends, and market intelligence

## RESEARCH & PUBLICATIONS

**De-globalization and The Reconfiguration of Global Value Chain in Emerging Markets**

December 2023

- Engineered an automated data pipeline in Python and R that processed 20+ years of trade flow data across US-China-Southeast Asia, reducing analysis time by 90% and enabling real-time monitoring of shifting trade patterns
- Developed a geopolitical risk framework to quantify supply chain vulnerabilities, identifying potential risk factors and corresponding hedging strategies that can reduce portfolio exposure and mitigate loss
- Created investment thesis on Southeast Asia's strategic position in US-China decoupling, resulting in the identification of 3 high-conviction opportunities across manufacturing, technology, and logistics sectors

**Digital Currency: The Emergence Of Global Investment Asset - Bitcoin**

December 2022

*Published in Transactions Journal, volume 24*

- Implemented trading strategies for digital assets through quantitative research, combining historical data analysis and market prediction to identify alpha-generating opportunities that achieved 400% returns
- Architected portfolio construction models in Python and R Studio, incorporating multi-factor optimization and custom risk metrics for digital assets that improve the portfolio's risk-adjusted return by 36%

## LEADERSHIP EXPERIENCES & ACHIEVEMENTS

**Word Conference for Undergraduate Research**

April 2023

**Society of Fellows - Outstanding Presentation**

March 2023 & March 2024

**Beta Gamma Sigma - President**

September 2022 - May 2023

**CFA Research Challenge**

October 2021 - December 2021

## SKILLS

**Technical Skills:** Python3, R, Stata, Tableau, VBA, SQL; Microsoft Office (Excel, Powerpoint, Word); Bloomberg Terminal

**Language Skills:** English, Vietnamese, Mandarin, Japanese

**Interests:** Golf, Invest, Meditate, Read