

Allen L. Zagorodnyuk

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EDUCATION

New York University: *Bachelor of Arts*

May 2025

- Areas of Study: **Mathematics, Computer Science, Economics**
- Key Coursework: Mathematical Finance, Linear Algebra, Decision Theory, Probability
- Activities: Business Analytics Club, Finance Society, Quantitative Finance Society, JFinance/JTech

WORK EXPERIENCES

ATP One Services:

Aug 2022 - Present

Staff Accountant

- Manage and analyze monthly financial datasets for multiple clients, ensuring data integrity and actionable insights. Utilize problem-solving and analytical techniques to monitor transactions, optimizing data accuracy and streamlining reporting processes.

Energy Innovation Capital: Extern

Sep 2024 - Oct 2024

Venture Capital Research Analyst

- Conducted market analysis to identify emerging trends and growth opportunities within the hydrogen energy sector. Synthesized industry research findings into a compelling investment presentation, emphasizing strategic, viable, and scalable growth potential.

JM Learning:

Sep 2020 - Apr 2022

Office Manager

- Promoted from Intern to Office Manager by surpassing performance benchmarks and driving operational success. Directed data operations and managed IT functions for a company with over \$1M in annual revenue, supervising a high-performing four-member team.

FINANCE PROJECTS

Index Rebalancing Algo Trading Strategies | *Personal Project*

Apr 2025

- Developed and backtested quantitative investment strategies for index rebalancing events, using historical stock, index, and ETF data.

Sustainable Energy Start-Up Investment Proposal | *Energy Innovation Capital Extern*

Oct 2024

- Researched and delivered an investment strategy for a sustainable start-up to a leading Venture Capital firm, leveraging in-depth hydrogen industry research and comprehensive pitch deck analysis.

Index Fund Portfolio Optimization | *Wharton Online*

Sep 2024

- Calculated an optimized investment strategy for an index fund portfolio using Microsoft Excel, employing advanced financial modeling techniques to maximize the Sharpe Ratio and Return, while minimizing risk.

EXAMS & CERTIFICATIONS

Exams: SIE (Securities Industry Essentials Exam) - FINRA

SKILLS

Financial Analysis: Python, SQL, and Excel for Analysis and Portfolio Optimization

Market Research: Fundamental and Technical ability to analyze and find Market Trends

Machine Learning: TensorFlow and PyTorch for Investment Decision-Making

Interests: Stock Market Investing, Behavioral Finance, Algorithmic Trading, Machine Learning, Chess

Languages: English and Russian