

Gavin Hartzell

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EDUCATION

The Ohio State University, Max M. Fisher College of Business

Columbus, OH

Bachelor of Science in Business Administration

Expected Graduation May 2024

GPA: 4.0

- **Specialization:** Finance | **Minors:** Computer Science, Engineering Sciences | **ACT:** 35
- **Integrated Business and Engineering Honors Program:** 1 of 36 students chosen for a selective honors cohort that emphasizes an interdisciplinary approach to problem solving through MBA level coursework and distinguished faculty
- **Morrill Scholarship Program Prominence Scholarship Recipient:** Ohio State's merit scholarship program, rewarding academically talented students who are actively engaged in diversity-based leadership, service, and social justice activities, worth the value of full tuition of \$37,000 per year
- **Fisher Futures:** 1 of 28 students selected to participate in a highly competitive, faculty selected program designed to expose students to careers in Sales & Trading, Investment Banking, Equity Research, and Hedge Funds

PROFESSIONAL EXPERIENCE

Citigroup

New York, NY

Sales & Trading Summer Analyst

June 2023 – August 2023

- Received Full Time Offer
- Developed quantitative model using a scaled Laplace distribution and Monte Carlo analysis for MicroStrategy bond valuation
- Analyzed optimal systematic delta hedging strategies for rates derivative contracts and presented to the head of rates trading
- Used Python's pandas, numpy, requests, and tkinter libraries to automate repetitive tasks such as consolidating data
- Rotated over Convertible Bonds Trading, Residential Mortgage Whole Loan Trading, and Equity Advisory Sales

Peak6

Chicago, IL

Volatility Trading Bootcamp Micro-Intern

May 2023

- Received Full Time Offer
- Completed a week-long program with in-depth lectures and shadowing sessions related to volatility and quantitative trading

Fidelity Investments

Boston, MA

Asset Management Finance Intern

June 2022 - August 2022

- Presented recommendations regarding new sub-advisory rate structures for \$150B in international assets
- Analyzed financial impact to European, American, and Canadian entities with from various sub-advisory rate structures
- Shadowed individuals across Equity Research, Trading, Asset Management Product, and Project Management divisions

Boenning & Scattergood

Columbus, OH

Investment Banking Summer Analyst, Public Finance

May 2021 - August 2021

- Structured municipal, housing, and private placement healthcare debt issuances using Munex public finance software
- Programmed python-based program to search for private placement lenders fitting loan criteria and integrate with excel

INVOLVEMENT

Buckeye Capital Investors

Columbus, OH

Chief Investment Officer

August 2020 - Present

- Leading weekly market discussions and learning series about various topics in the financial markets, including macroeconomic and global trends, volatility indicators, gamma and vanna flows, and company valuation
- Monitoring and managing a Chief Investment Officer paper portfolio with a long/short strategy to connect in-meeting discussions to real trades across the equity, fixed income, commodity, and derivative markets

ACHIEVEMENTS & PROJECTS

2nd Ranking for Financial Modeling Microsoft Excel Collegiate Challenge (MECC)

December 2022

- Ranked 2th of 2,830 participants worldwide and 1th of over 2,000 US participants in competition testing logical thinking skills, problem solving ability, Microsoft Excel knowledge, and financial modeling education
- Competed in live finals in Tuscon, Arizona with all expenses included and won \$5,000 in prize money

Machine Learning Statistical Arbitrage Model for the Commodity Futures Market

September 2020

- Utilized Jupyter notebook in conjunction with the Zipline API to backtest a statistical arbitrage strategy in the commodity futures market that used autoregression models to remove seasonality in residual data and predict mean reverting tendencies
- Other projects: Legionaryfitness.com, Portfolio Manager (Python), NFL Regression Model (Python), Java Snake Recreation

SKILLS, CERTIFICATIONS, INTERESTS

Skills: Python, Machine Learning, Java, MATLAB, C++, HTML, CSS, Microsoft Office

Certifications: Bloomberg Market Concepts, IBM Machine Learning with Python Certification, Wall Street Prep Financial Modeling

Interests: Amusement Parks, Buckeye Football, Boston Sports, Investing, Sports Analytics, and Superhero Movies