

KUSHAL MUNGEE

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EDUCATION

Northwestern University

BS in Mathematical Methods in the Social Sciences, Economics

Kellogg School of Management Certificate Program for Undergraduates in Financial Economics

- Cumulative GPA: **3.7/4.0** | Dean's List
- Coursework: Econometrics, Linear Algebra, Multivariable Calculus, Game Theory, Probability and Stochastic Processes, Macroeconomics, Foundations of Mathematical Social Science, Data Structures and Algorithms, Programming Fundamentals

Evanston, IL

Expected June 2025

Dunlap High School

Awards: Valedictorian, 62nd Annual Sterling Merit Award, President's Education Award

- Cumulative GPA: **4.0/4.0** | SAT: **1570/1600** | ACT: **35/36**

Dunlap, IL

September 2017 — May 2021

RELEVANT EXPERIENCE

Virtu Financial

Quantitative Trading Intern

- Analyzed and improved debt tender offer trading strategy by performing regression analysis and machine learning techniques
- Developed data parsing tools in Python, integrating multiple data sources to enhance trading decisions and strategy efficiency
- Evaluated fixed income market-making strategies using historical markout data and financial bond theory for optimization

New York City, NY

June 2024 — August 2024

Trillium Trading

Equity Trading Intern

- Employed proprietary technology to make calculated, short-term trades in U.S. equity markets based on quantitative methods
- Programmed a Bloomberg-terminal data-scraping software to conduct equity catalyst research and historical price analysis
- Submitted daily write-ups on primary and secondary trades, sector updates, macroeconomic events, and international inputs

Chicago, IL

June 2023 — August 2023

GooseFX - DeFi Platform

Software Engineering Intern

- Developed a market arbitrage algorithm that generates passive revenue by capitalizing on price disparities across blockchains
- Calculated exchange profits by regression/time-series analysis and data analysis of single-sided cryptocurrency liquidity pools
- Researched business models, tokenomics, yield, and investment options for decentralized derivatives and options protocols

goosefx.io

June 2022 — December 2022

Kellogg Department of Strategy

Undergraduate Research Assistant Program, Professor Moreira

- Assessed impact of novel securities on market productivity/innovation by analyzing financial data on established corporations
- Synthesized and cleaned data from SDC, NETS, Compustat databases of financial and market transactions/terminology
- Computed metrics on firm growth, acquisitions, and forecast through historic use of financial products used to raise funds

Evanston, IL

June 2022 — August 2022

LEADERSHIP & ACTIVITIES

Northwestern Blockchain Group

Consulting Chair

- Examined use-cases of blockchain in crypto and decentralized finance; collaborated on Messari Hub consulting articles
- Attended Consensus 2022; represented Northwestern for a chess match against Former World Champion Garry Kasparov
- Competed in UPenn Blockchain Conference and Hackathon in February, 2023; developed blockchain indexing application

Evanston, IL

September 2021 — Present

OM at Northwestern

President

- Facilitated and promoted weekly discussion sessions focused on Hindu philosophy and culture led by NU Hindu Chaplain
- Worked with Student Organization Finance Office to budget and execute annual events such as Holi, Classical Arts Showcase
- Organized the first university-funded Diwali campus event and classical arts show for 300+ students and Evanston community

Evanston, IL

October 2021 — 2023

Future Business Leaders of America

Chapter President

- Competed in Public Speaking at the 2019 and 2020 National Conference in San Antonio, TX; topic of student confidence
- Connected students with academic resources and local mentors to prepare for national competitions in business and finance
- Engaged in community service at the Midwest Food Bank and connected the center with 50+ FBLA student volunteers/month

Dunlap, IL

August 2019 — May 2021

ADDITIONAL

- **Languages:** Hindi (Fluent), Spanish (Working Proficiency)
- **Technical:** Python, SQL, Stata, R, Rust, HTML/CSS, Javascript, C++, AWS, Excel, Bloomberg Terminal
- **Memberships:** NU FinTech (Quant), Algorithmic Trading Club, Northwestern Chess Team, Northwestern Club Tennis
- **Interests:** Chess, Tennis, Running, Cryptocurrency, South Asian history/language, Technology, Reading, Traveling/Nature