

Parth Patel

parthpatel2025@u.northwestern.edu • (561) 262-3048 • 111 LEANING TREE RD., COLUMBIA, SC 29223

OBJECTIVE

A passionate and driven rising senior at Northwestern University, majoring in Economics and Data Science, with a strong interest in the financial markets. Enthusiasm was ignited by diverse, hands-on internships that gave me experience in equities, fixed income, and commodities. Achieved a Financial Economics Certificate from Kellogg School of Management and preparing for the FINRA SIE exam. Eager to apply my analytical skills, technical acumen, and financial knowledge to an investment career.

EDUCATION

Northwestern University (GPA: 3.77) Evanston, IL
B.A. in *Economics & Data Science* September 2021 - June 2025
Financial Economics Certificate - Kellogg School of Management
Relevant Coursework: Data Science (R, Python, SQL), Econometrics, Investments, Derivatives, Linear Algebra

EXPERIENCE

Northern Trust Chicago, IL
Asset Management Intern – Index Equity, Trading, Quant Research June 2024 – August 2024

- Developing Power BI capital gains management dashboard to analyze and enhance passive tax methodology
- Building process to check Aladdin Pfc fund targets; automating creation of daily report and email with VBA
- Co-heading exploration of dividend reinvestment methodologies to better PM practices, reducing tracking error
- Northern Trust 2024 Case Challenge Winner: Presented proposal on enhancement of One Northern

ABN AMRO Clearing USA LLC Chicago, IL
Market Risk Management Intern June 2023 – August 2023

- Created Energy position delta dashboard with SQL & Tableau; presented to 1st and 2nd LoD to advise client trades
- Formulated comments and weekly slide decks on client parameter violations for global and regional leadership
- Conducted Excel-based analyses and data visualization for pre-trade risk limits to aid in risk team tracker success

TegoTech Evanston, IL
Business Analyst October 2021 – July 2023

- Secured provisional patent for a redesigned wall socket that addresses electrocutions and tripping hazards
- Led acquisition of proper UL-certified 3D filament for prototyping and initial testing
- Semifinalist (\$1000 prize) in VentureCat Startup Competition – directly assisted in pitch deck production

PROJECTS

Equity Financial Analysis (2022) & Voter Participation Prediction (2023) Evanston, IL
Technologies Used: R, Excel, Python Duration: 2 months

- Generated autoregressive integrated moving average (ARIMA) models forecasting price 1 year for two large-cap equities
- Utilized tidyverse package for univariate, bivariate, and multivariate analysis of P/E, market cap, and volume
- Optimized machine learning models to best predict voter participation for 3000+ candidates based on demographics

Research - Discovery Magnet Program (2019-2020) Columbia, SC
Technologies Used: Minitab, Excel, PowerPoint, Word Duration: 6 months

- Conducted and presented two projects involving statistical analysis - ANOVA/t-test & post-hoc
- Resveratrol improved neural longevity for Alzheimer's-inhibited *C. elegans* in T2 Diabetes environment (2020)
- Lower iron in leghemoglobin reduced *C. pipiens* offspring; provides natural, accessible mosquito insecticide (2019)

SKILLS

Paper Trading: Investopedia 2016 Simulator (100k start, 2.52 mil current, rank: 389/173k) – equities; ABN AMRO 8-week Futures & Options Simulator (100k start, 149k finish) – index & commodities
Computer: Microsoft Suites (adv.), R (adv.), SQL (adv.), Tableau (adv.), PowerBI (adv.), VBA (mod.), Python (learning pandas)
Certifications: Coursera - Stock Valuation with CCA; Bloomberg - Bloomberg Marketing Concepts
Language: Gujarati (speaking proficiency); Spanish (moderate working proficiency)
Organizations: Scholars of Finance, Club Ultimate Frisbee (Dev. Team Captain), Investment Management Club