Kunj Shah

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EDUCATION

The University of Chicago   **Chicago, IL**
Master of Science in Financial Mathematics   **Expected December 2025**
- Courses: Portfolio Theory & Risk Management, Python, Option Pricing, Probability & Stochastic Processes

University of Illinois at Chicago   **Chicago, IL**
Bachelor's of Business Administration in Finance (GPA: 3.85/4.00)   **May 2023**
- Courses: Investments, Quantitative Methods, Energy Finance, Applied Equity Investment Management, Strategic Analysis, Spreadsheet Analysis, Behavioral Neuroscience, Financial Modeling

SKILLS

- Computing: Python, SQL, R, VBA, PowerShell, Git, Tableau, MS Office
- Knowledge: Financial Markets, Financial Modeling, Data Analytics, Econometrics
- Trading Products: Futures, Equities, Options, Cryptocurrencies

WORK EXPERIENCE

DRW - Leadership Rotation Network   **Chicago, IL**
Associate Business Manager   **June 2024 - Present**
- Initiated development of team database to store firm's trader data including products traded, exchanges, clearing firms and accounts utilizing Pandas and SQLite to retrieve data 30% faster
- Communicate with Equities desks to ensure all opportunities for profit are captured, and strategizing new business opportunities

Financial Analyst   **October 2023 - February 2024**
- Reported trading activity daily to partners to monitor using Tableau servers, and sent out PNL summaries, analyzing key trends across markets and desks highlighting any material changes
- Developed python script to connect to Oracle Database leveraging Pandas, and SQL Alchemy to reconcile prior days changes saving over 30 minutes in a daily task

Treasury Analyst   **June 2023 - October 2023**
- Built dashboard to monitor segregated funds and utilized python web scraping to automatically update dashboard monthly ensuring fund management
- Utilized internal trading tools to assist the Repo Desk in moving millions in capital across prime brokers, ensuring liquidity for next day

Goldman Sachs   **Dallas, TX**
Product Finance and Payments Analyst   **June 2022 - August 2022**
- Built rent schedules, modeling straight line depreciation to highlight trends among rent estimation concluding to extend current lease agreement
- Saved over 2% in paid invoices by analyzing aged payments through Excel using Pivot Tables
- Communicated with stakeholders in payments team regarding how to risk assess third party partnerships

PROJECTS

ETF Relationships
- Cleaned and normalized data for consistency, then used seaborn to plot correlation matrix, identifying correlation platforms between portfolios
- Applied Lasso and Ridge regression with scikit-learn to enhance model and prevent overfitting
- Utilized Python packages such as pandas, statsmodels, and scikit-learn to uncover significant relationships between ETF returns (SPY, HYG) and portfolio performance

LEADERSHIP

Alpha Kappa Psi   **Chicago, IL**
Vice President of Finance   **March 2021 - May 2023**
- Automated Finance Tracker on Google Sheets using VBA to reduce communication efforts by 90%
- Trained incoming class on technical skills including Python and VBA utilizing platforms such as Data Camp