

# Harmit Rajyaguru

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## ABOUT ME

Analytical finance professional with expertise in data-driven research, market analysis, and actionable insights. Passionate about leveraging trends to optimize strategies and drive impactful results

## EDUCATION

### University of Illinois at Chicago (UIC)

Aug 2022 - May 2024

*Master of Science in Finance [STEM]*

GPA: 3.92/4

**Relevant Coursework:** Quantitative Methods in Finance | Data Mining | Financial Communication | Applied Equity | Investment | Corporate Finance

### Gujarat Technological University

May 2017 - June 2021

*Bachelor of Education in Information Technology*

GPA 3.5/4

**Relevant Coursework:** Analysis & Design of Algorithms | Advanced Engineering Mathematics | Data Structures | Artificial Intelligence | C++

## FINANCE & COMPUTER SKILLS

**Financial:** Risk Mitigation | Statistics | Quantitative Finance | Financial Modeling | Market Microstructure | Time Series Econometrics

**Computer:** Data Analysis | Python | SQL | MS Office | Bloomberg Terminal | Excel | PowerPoint | Word | VBA | FactSet | R

## PROFESSIONAL EXPERIENCE

### Unique Designs

#### Financial Analyst

Aug 2024 - Present

- Conducted market research for the world's largest diamond manufacturer, uncovering 10+ trends and delivering growth-focused recommendations
- Prepared and presented 20+ financial reports, enhancing decision-making and efficiency by 15%
- Developed projections ensuring stability and optimizing \$500K in resource allocation
- Collaborated with marketing to align financial insights with growth strategies

### University of Illinois at Chicago

#### Investment Analyst Intern

Jan 2024 - May 2024

- Led \$100,000 fund's healthcare allocation, achieving a \$25,000 gain and increasing diversification by adding \$20,000 in REIT and corporate assets through targeted analysis
- Supported \$20K fundraising with accurate investor materials and ensured transaction accuracy through detailed error analysis
- Saved 10+ hours monthly by optimizing data analysis with Excel VLOOKUP and Bloomberg for enhanced portfolio strategies
- Strengthened portfolio strategies through fixed income insights and ESG-focused collaboration with the university endowment fund

#### Research Assistant

Jan 2023 - July 2023

- Led fintech analysis for 20+ banks, using SEC filings to enhance data accuracy and deliver strategic insights across multiple datasets
- Collaborated closely with senior researchers and a professor, enhancing research outcomes and refining market analysis skills
- Developed foundational FX insights through economic trend analysis, enhancing research accuracy and ensuring data integrity across 50+ reports
- Supported professor's research on global fixed income and currency markets with actionable insights, enhancing key findings
- Maintained and updated CRM systems to streamline investor relations and enhance data accuracy across financial research projects

## PROJECTS

### Economic Indicator Analysis (<https://shorturl.at/KlmRS>)

- Built a tool using pandas, matplotlib, and the World Bank API to analyze GDP, inflation, and government spending for any country
- Conducted statistical analysis (mean, median, CAGR) to reveal economic trends.
- Created clear visualizations to present key insights over time

### Dynamic Portfolio Optimization (<https://shorturl.at/ASng6>)

- Optimized a stock portfolio (TSLA, META, SPY, MSFT) for risk-adjusted returns using Python (pandas, numpy, matplotlib, scipy, yfinance)
- Applied Sharpe Ratio, covariance analysis, and efficient frontier visualization for portfolio evaluation
- Identified optimal allocations (SPY: 84.22%, TSLA: 15.78%) with the highest Sharpe Ratio using real market data

### Advanced Stock Data Analysis (<https://shorturl.at/uYJG1>)

- Developed a comprehensive tool using pandas, numpy, matplotlib, seaborn, and yfinance to analyze stock data, reducing analysis time by 40% and improving financial insights accuracy by 30%
- Generated heatmaps and visual reports to highlight seasonal trends and positive return probabilities, leading to a 25% increase in actionable investment decisions and better portfolio optimization strategies

## WORKSHOPS

### AI-Based Conversational Models Workshop

- Conducted an AI workshop for 250+ students, receiving a 9/10 rating for attendee satisfaction and impact.
- Demonstrated AI's ESG potential by forecasting energy use, reducing carbon footprints, and enhancing sustainability metrics.

## CERTIFICATION & INVOLMENT

- Certifications:** Bloomberg Market Concepts | ESG (Bloomberg) | Entrepreneurship (Harvard Business School) | Valuation (Career Principle) | SIE (Pursuing)
- Clubs:** Treasurer, saved 4 hours monthly on reporting | Earned UIC INFORMS 2023 Award | Real Estate Club member, gained insights in property valuation, market trends, and networking