

ROHAN MIRCHANDANI

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EDUCATION

COLUMBIA UNIVERSITY, SCHOOL OF ENGINEERING AND APPLIED SCIENCES **New York, NY**
MSc in Financial Engineering *September 2024 – December 2025*

- **Relevant Coursework:** Foundations of Financial Engineering | Optimization Models and Methods | Stochastic Methods

WASHINGTON UNIVERSITY IN ST. LOUIS, OLIN BUSINESS SCHOOL **St. Louis, MO**
BSBA with majors in Finance and Financial Engineering with a minor in Computer Science *September 2020 – May 2024*

- **Cumulative GPA:** 3.99/4.00 | **SAT:** 1560/1600 | Summa Cum Laude (Awarded to top 5% of class)
- **Activities and Relevant Experiences:** Delta Sigma Pi Professional Business Fraternity | MoneyThink | South Asian Cultural Club | Club Golf | Korea University (Winter Term Study Abroad) | Rock Climbing Club | Consulting Association
- **Relevant Coursework:** Advanced Derivative Securities | Topics in Quant Finance | Mathematical Finance | Data Analytics in Python | Machine Learning | Discrete Math | Physics I | Data Structures and Algorithms | Differential Equations

PROFESSIONAL EXPERIENCE

CONFLUENCE INVESTMENT MANAGEMENT **St. Louis, MO**
Quantitative Spring and Summer Analyst *March 2024 – July 2024*

- Factored capital gains cost into 12 asset Markowitz Optimizer, adjusting asset allocation strategy to focus on net return.
- Migrated Markowitz Optimizer from Excel to Python, improving model's accuracy by 5% and reducing run time by 95%.
- Executed MonteCarlo simulation using correlated returns, exemplifying Value at Risk and possible 3-year gains and losses.
- Co-authored 60-page primer on asset allocation explaining Portfolio Theory methodologies to potential and existing clients.
- Web scraped ETF attribution data (SEC yield, duration, etc.) using Python, saving operations team 250+ hours per year.

UBS GROUP AG **New York, NY**
Global Markets Trading Summer Analyst *June 2023 – August 2023*

- Rotated on Linear Rates Trading, Quantitative Investment Strategies Trading (QIS), and Equity Derivatives Trading Desks.
- Coded a calculator in Python to back out implied carry for American and European options using a binomial model.
- Replicated S&P 500 Daily Risk Control 8% Excess Return USD Index (SPXD8UE) assisting the QIS desk to hedge risks.
- Analyzed 27,000 individual trades to assess the profitability between products (treasuries, IRS, TIPS) and clients.
- Built MonteCarlo simulation using a stochastic volatility model; graphed Greeks vs. changes in spot, volatility, and time.

1919 INVESTMENT COUNSEL – STIFEL SUBSIDIARY **New York, NY**
Business Development Summer Analyst *May 2022 – July 2022*

- Evaluated partnerships with external business professionals who excel at client service and refer prospective investors.
- Designed pitch decks to attract clients by showing them tax inefficiencies and over concentrations in their current portfolio.

PEAPACK–GLADSTONE BANK **Bedminster, NJ**
Wealth Management Summer Analyst *June 2021 – August 2021*

- Conducted market research and risk analysis on prospective investments opportunities to support portfolio managers.
- Presented a marketing strategy to 50+ employees suggesting the creation of a mobile banking app to attract younger clients.

LEADERSHIP AND COMMUNITY SERVICE EXPERIENCE

DELTA SIGMA PI BUSINESS PROFESSIONAL FRATERNITY **St. Louis, MO**
South Asian Affinity Group Leader (SP 2021, FL 2022, & FL 2023), Grill Master *September 2020 – May 2024*

- Developed diversity initiatives to improve chapter inclusivity by adding DEI educational curriculum to the pledging process.
- Tripled the number of South Asian applicants by focusing recruitment efforts on various South Asian campus organizations.
- Mentored lowerclassmen in professional development including networking, interviewing, and resume workshops.

MONEYTHINK **St. Louis, MO**
Senior Financial Literacy Tutor, Internal Consultant *September 2020 – May 2024*

- Taught 25+ underprivileged students at Hazelwood East Highschool on a weekly basis about financial literacy concepts.
- Served as the main liaison between the club and teachers to ensure smooth implementation of financial literacy sessions.
- Changed the executive board's organizational chart to better distribute its workload, allowing the club to scale its reach.

U.S. PATENT HOLDER (Patent Number: 62/909,360) **Bernardsville, NJ**
Independent Inventor *October 2019 – May 2024*

- Invented a unique prototype of a golf tool that assists in regulating putting speed to improve a golfer's short game.
- Filed for a utility patent with USPTO in October 2019 and received provisional patent in December 2019.

OVARIAN CANCER RESEARCH ALLIANCE **Washington D.C**
Lead Volunteer and Lobbyist *July 2010 – July 2021*

- Lobbied Senator Menendez to introduce to the senate floor a \$35 million funding package for Ovarian Cancer research.
- Led a volunteer team of 20+ people to organize the conference logistics for hundreds of attendees over the 72-hour period.

ADDITIONAL INFORMATION

- **Skills:** Python | Java | Microsoft Suite: Excel (including VBA), PowerPoint, Word
- **Interests:** Golf | Lifting | NFL | KenKen | Chess | Marvel | Trebuchets | Pickleball | Skiing | Cooking