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## EDUCATION

**Master of Science in Finance (STEM) | Stevens Institute of Technology | 3.87 GPA. Aug 23 - May 25**

Relevant Courses: Fixed income, Financial Statement Analysis, Econometrics, SAS, Economics

**Master of Business Administration | SVKM's NMIMS | 3.23 GPA. Aug 18 - May 23**

Relevant Courses: International Finance, Financial Management, Managerial Accounting, Working Capital Management, Spreadsheet Modelling, Security Analysis, Investment Banking, International Finance, Merger & Acquisition, Risk Management, Strategic Management, Financial Analytics, Professional Ethics, Corporate Communication.

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## RESEARCH PROJECTS

**Financial Analysis of Burlington Store Inc. | Stevens | NYC Feb 24 - Apr 24**

- To analyze nature of S&P 400 Consumer Discretionary index and its holdings in depth.
- Performed a top-down analysis following industry analysis, peer comparison, and market share evaluation.
- Applied statistical operations & used Cufflinks for technical analysis of candlestick chart using SMA and Bollinger Bands.
- Developed 3 statement model for forecasting company's fundamental.
- Utilized company forecasts to estimate Free Cash Flow to Firm (FCFF).
- Developed Discounted Cash Flow and comparable analysis model, revealing an undervaluation of 12.2 % in price.

**Study of impact on Illinois Tool Work's market cap by varying EPS growth rate. | Stevens | NYC. Jan 24 - Apr 24**

- Estimated company's beta over a 5-year period and computed after tax WACC.
- Performed EPS growth forecast and dividend payout ratio for 2025.
- Conducted Monte Carlo simulation with 1000 runs to evaluate objective.
- Analyzed share value results statistically, revealing mean, high, low, 95<sup>th</sup> percentiles and 90% confidence intervals.

**Portfolio Optimization using Python for ESG aware companies | CFA Institute | NYC Dec 23 - Feb 24**

- Screened S&P 500 Sustainability screened index's 10 companies using Morningstar's Rating criteria.
- Generated random weight combinations for asset allocation and performed sanity check for 10 stocks.
- Assessed impact of different risk-free rates on Sharpe Ratio.
- Employed Monte Carlo simulation with 50 & 10,000 runs revealing minimum Sharpe ratios of 0.64 and 0.58 respectively.

**Analysis of Capital flow for FII and Mutual Funds in Indian Market | SVKM's NMIMS | Mumbai May 22 - Sep 22**

- Led a team of four in overseeing a comprehensive analysis of the Indian Equity market flows from 2013 to 2021.
- Focused on identifying trends between Foreign Institutional Investors (FII) and Mutual Funds.
- Calculated a correlation coefficient of -0.8478, revealing a negative relationship between FII and Mutual Fund flows.
- Interpreted the dominance of Mutual funds after analysis.

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## EXPERIENCE

**Financial Analyst | FincruX Technologies LLP, India Feb 23 - Apr 23**

- Created, managed, and maintained a real-time simulated portfolio of BSE 500 listed companies, achieving a Fin score rating of 100 and an impressive return of 18%.
- Deployed financial modeling techniques to assess valuations, earning a high rating of 95.83%.
- Produced detailed reports evaluating proposals, specifically targeting high-growth potential start-up ventures.

**Finance Intern | VHPT Systems, India Dec 21 - Apr 23**

- Collaborated on creation of project budgets and financial forecasts.
- Took lead in a team of 3 to prepare financial feasibility reports for diverse projects and investments and evaluated various financial models, including income statement projections, NPV, and FCFF.
- Proposed strategies to mitigate risk related to raw material price volatility, resulting in 2.45% cost savings in raw materials and expense reduction.

**Finance Intern | BSE's Broker Forum, India May 22 - Sept 22**

- Performed technical analysis with price action strategy and indicator-based strategy.
- Drawn analysis and managed insurance policies for more than 1000 brokers affiliated with BSE Broker's Forum.
- Consulted industry experts to direct lectures on finance for 63 affiliated universities.

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## SKILLS

**Technical Skills:** Python, SQL, Excel, PowerPoint, R, SAS, Bloomberg, Power BI & VBA, Tableau.

**Financial Skills:** Financial Modelling, Budgeting, Forecasting, Planning, Quantitative Finance, Data Analysis, Spreadsheet Management, Financial Statement Analysis, Cash Flow Analysis, Valuations of Equity & Fixed Income Securities, Risk Management, Corporate Finance, Time-Series Analysis, DCF Valuation, Comparable Company Analysis, Basic Finance Legal Compliance, Finance Networking, Asset Allocation, Regression analysis.

**Certifications:** CFA ESG certification candidate, Excel & VBA for finance, CFI's FMVA.