

Yashaswini Ramesh

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Relevant Experience

Boston Financial Advisory Group Financial Modelling, Valuation, Audit <i>Valuation Analyst Intern</i>	Malden, Massachusetts May 2025 – Aug 2025
<ul style="list-style-type: none">Built comprehensive financial models (DCF, APV, LBO, DDM, residual income, relative valuation, VaR, Monte Carlo) for valuations across startups, multinationals, and banks.Authored post-acquisition analysis report with pro-forma consolidated financial statements and a flagship macroeconomic report on the 2025 U.S. Liberation Tariff, enhancing client engagement and firm visibility.Conducted company valuations using DCF, comparable companies, and precedent transaction analysis, and prepared professional pitch decks across fintech, software, lithium, and consumer goods sectors alongside prepared professional valuation reports.Contributed to sell-side M&A due diligence by auditing and analyzing AP/AR, SG&A, EBITDA, employee costs, margins, NWC, inventory, capex, and intangibles	

Hemanth TVS Motors Accounting, Reconciliation, Cost Analysis <i>Accounting & Finance Intern</i>	Bengaluru, India April 2022 – May 2022
<ul style="list-style-type: none">Managed and reconciled financial records across payables, receivables, inventory, and insurance; resolved reporting discrepancies through root-cause analysis; and analyzed spending trends to recommend cost-saving measures.	

Relevant Projects

Equity Research Report Investments	March 2025
<ul style="list-style-type: none">Built a 3-statement financial model for Caterpillar Inc. using DCF, WACC, HWMS, financial ratios, and relative valuation to support institutional-grade research.Authored an equity research report incorporating macro trends, ESG analysis, Porter's Five Forces, and DuPont decomposition.Strengthened financial projections through bottom-up revenue modeling, margin analysis, and multi-scenario sensitivity testing.	
Investment Portfolio Analysis Portfolio Management	April 2025
<ul style="list-style-type: none">Constructed a hedge-style equity portfolio with a 28.75% projected annual return and 1.31 Sharpe ratio, benchmarked against the S&P 500.Developed an Investment Policy Statement (IPS) incorporating GAAP-based constraints, performance objectives, and liquidity considerations.Enhanced portfolio reporting and risk transparency through 3-statement Excel models and Tableau dashboards.	
Regime-Aware ESG Portfolio Algorithmic Trading in Python <i>Tools used: Python, Pandas, NumPy, Matplotlib, bt, yfinance</i>	June 2025
<ul style="list-style-type: none">Designed and back tested an adaptive ESG equity portfolio using Hidden Markov Models (HMM) to segment volatility regimes.Applied MACD signals in bullish phases and RSI thresholds in bearish phases, enhancing signal responsiveness.Implemented dynamic leverage scaling and rebalancing, reducing drawdowns from -39.7% (COVID crash) to -12.3% in 2024.Outperformed ESGU benchmark (~2.1x vs. ~1.9x return, 2020–2024) while improving downside risk (Sortino Ratio 0.91 vs. 0.88).Conducted efficient frontier optimization with ESG tilts, regression ($\beta=1.16$, $R^2=0.78$), and Monte Carlo simulation projecting 13.3% mean return with 5% VaR at -9.9%.	

IPO Valuation & Underwriting Investment Banking	July 2025
<ul style="list-style-type: none">Built IPO valuation model using DCF to derive intrinsic equity value of \$20M and share price of \$40.01.Performed comparable company analysis (P/E, P/FCF, M/B) against peers, confirming implied share price range of \$37–\$43.Recommended \$40/share IPO price, determined issuance of 600,000 shares to raise \$22M, and analysed capital structure improvement (D/A reduced from 21.7% to 11.5%).	

Education

Master of Science in Finance (STEM) Hult International Business School (Boston)	Aug 2025
Relevant Courses: Investments, Investment Banking, Portfolio Management, Mergers & Acquisitions, Corporate Finance, Global Financial Markets, Cost & Managerial Analysis, Python, Algorithmic Trading using Python, FinTech.	

Bachelor of Commerce in Accounting & Finance Bengaluru City University Concentration: Accounting Minor: Finance	Sept 2022
Relevant Courses: Security Analysis, Portfolio Management, International Finance, Advanced Financial Management, Financial Services, Advanced Corporate Accounting.	

Skills & Certifications

Certifications: Securities Industry Essentials (FINRA), Financial Accounting (Wharton), Financial Trading in Python (Data Camp).
Technologies: Ms Excel, Word, Microsoft Dynamics, SQL, Python, Tableau, QuickBooks, Pitchbook, R, Factset, Bloomberg.
Skills: Financial Analysis, Modeling and Reporting, Valuation, Quantitative Finance, Equity Research, Sensitivity Analysis.