

# Yashaswini Ramesh

(617) 229-8751 | [yashaswiniramesh01@gmail.com](mailto:yashaswiniramesh01@gmail.com) | [Linkedin](#)

## Relevant Experience

**Boston Financial Advisory Group | Financial Modelling, Valuation, Audit** **Malden, Massachusetts**  
*Valuation Analyst Intern* May 2025 – Aug 2025

- 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** **Bengaluru, India**  
*Accounting & Finance Intern* April 2022 – May 2022

- 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

- 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

- 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** June 2025

- Tools used: Python, Pandas, NumPy, Matplotlib, bt, yfinance*
- 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

- 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)** Aug 2025

Hult International Business School (Boston)  
**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** Sept 2022

Bengaluru City University | **Concentration:** Accounting | **Minor:** Finance  
**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.