

Avaneendra Trivedi

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Investment banking and buy-side candidate with hands-on M&A casework: 3-statement modeling, DCF, LBO, accretion/dilution, and IC memo construction. Built four deal-analysis and market-intelligence tools spanning valuation, scenario testing, and diligence. 11 single-authored SSRN papers, top **0.8% of 2.8M** authors.

EDUCATION

Thapar Institute of Engineering and Technology *Patiala, Punjab*

Sep 2022- June 2026

B.E., Electronics and Computer Engineering, GPA: 8.99/10

Relevant coursework: Corporate Finance & Markets, Quantitative Finance, Portfolio Theory, Optimization, Probability & Statistics.

EXPERIENCE & PROJECTS

Buy-Side M&A Valuation & Bid Strategy Casework - *M&A Modeling, Corporate Finance*

Jun 2025 – Jul 2025

- Built a driver-based three-statement model and 10-year unlevered DCF (8.5% WACC, 0.5% terminal growth rate) to value an acquisition target, deriving a base-case enterprise value of **\$803M**; stress-tested the model under a downside scenario (margin compression plus a working-capital spike), which reduced EV to **\$654M**, and synthesized the analysis into an investment-committee memo.
- Ran accretion/dilution and synergy analysis against a competing **\$650M** bid, recommending a bid ceiling of **\$660–680M** and a prioritized due-diligence list. [Deal materials \(model + IC memo\)](#).

Deal Nexus Engine - *M&A Ecosystem Simulation, Network Analysis*

Jan 2026

- Designed a deal-impact simulation engine that propagates the terms of a hypothetical M&A or financing transaction across a company's supply, customer, competitor, credit, and market relationships, producing selectable network-impact maps that flag concentration risk and rank counterparties by exposure for use in diligence.
- Validated the engine by replaying five landmark historical deals against their real pre- and post-deal outcomes, and built fully reproducible run logging (versioned datasets, fixed random seeds, and a verifiable audit trail) so every simulation can be traced and checked independently. [Website](#).

Axiom Atlas: Market Intelligence Platform - *Product Engineering, Financial Analytics, Data Pipelines*

Dec 2025

- Designed a three-surface institutional research platform unifying live macro and cross-asset market data, SEC filings and IPO intelligence, and authenticated user workspaces, with one-click export to a formatted investment-memo PDF.
- Built a Stock Lab module with multi-timeframe OHLC charting and probabilistic price forecasting, plus an integrated research assistant that parses filings and PDFs, retains context across sessions, and surfaces recommended next steps for the analyst. [Website](#).

Counterfactual Deal Navigator - *Scenario Analysis, Reproducible Systems, IC Memo Automation*

Feb 2026

- Built a scenario-analysis engine that stress-tests M&A and financing structures across Monte Carlo-simulated branches, computing DCF and LBO debt-path resilience (IRR, MOIC, DSCR, leverage, NPV) and ranking deal fragility through a scenario matrix that traces each branch back to its key drivers.
- Engineered fully reproducible runs (versioned models, fixed seeds, and a verifiable audit trail mirrored to a live database) behind a one-click IC memo export summarizing top risks, mitigants, and tail scenarios alongside live market benchmarks. [Website](#).

SKILLS

- **Finance:** 3-Statement / DCF / LBO Modeling, M&A Transaction Comps, Accretion/Dilution Analysis, Bid Strategy & Due Diligence, IC Memo Construction, Scenario & Sensitivity Analysis
- **Quantitative Methods:** Factor Models (Fama-French), Backtesting & Performance Attribution (Sharpe, Sortino, Max Drawdown, CAGR), Signal Research, Statistical Inference
- **Research:** 11 single-authored SSRN working papers; Author Rank **24,748 of 2,804,897** (top 0.8%), **5,108 downloads**
- **Tools & Technology:** Python (pandas, NumPy), SQL, REST APIs, ETL data pipelines, TypeScript / Next.js, Git / GitHub

LEADERSHIP, AWARDS & CERTIFICATIONS

- **Head Prefect & Red Cross Secretary:** mobilized 5,560 volunteers across 7 drives a year in 12 villages, upgrading school-to-village coordination.
- **Global Collaborations:** led programs across the U.S., Argentina, Korea, Turkey, France, the U.K., and Russia, delivering 4 sessions a year to 700+ students.
- **Awards:** Duke of Edinburgh's Award (Gold); International English Olympiad (World Rank 56); Yale Young Global Explorers (Cambridge); National Cyber/Science/Math Olympiad merits; RBI Financial Literacy NFLAT.
- **Certifications:** McKinsey Forward Program; Financial Engineering & Risk Management (Columbia University); Investment Management (HEC Paris & AXA IM); Financial Markets (Yale).