Aadi Golchha

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B.S. Computer Science (AI)

Stanford University ‘27

Probability Theory (CS109) • Linear Algebra/Multivariate Calculus (MATH51) • Data Structures(CS106B)
Proof-Based Mathematics (CS103/157) • Systems Programming (CS107/111) • AI Methods (CS124/153/221)

Skills: Financial Modelling, Equity Valuation, Accounting, Python (Numpy/Pandas), C/C++, Bloomberg Terminal, Excel, Jupyter Notebook

Experience

2025 Summer Intern (Private Markets) - The D.E. Shaw Group

June 2025 - August 2025

- Researched and implemented a novel method to desmooth private investment returns, in order to enable greater accuracy in volatility comparisons with more liquid asset classes
- Worked on the launch of the private credit co-investments program. As part of this, I created an internal AI tool (officially deployed) to automate the process of creating CRM-integrated queryable embeddings databases for researching potential LPs.
- Conducted investment analysis and equity research on drawdown and evergreen fund performance in private markets.

Research Fellow - ARENA (8VC)

June 2024 - September 2024

- Part of the launch team of an 8VC media spinoff, with content focused on helping portfolio companies and startups connect with a VC audience
- Contributed research and produced written materials with a specific focus on helping companies navigate international expansions
- Worked alongside the 8VC affiliated Cicero Institute on US regulatory and foreign policy

Summer Investment Banking Analyst - HSBC

July 2022 - August 2022

- Conducted financial statement analysis and research for M&A deals in the APAC region
- Built financial models to value acquisition candidates
- Prepared pitchbooks and other presentation materials

Projects & Research

Founder and Host - The Economics Review Podcast

- Conducted long-form interviews with 120+ expert guests, including leading economists from 60+ universities,
- federal and state policymakers/legislators, and Fortune 500 Chief Economists
- Named among Forbes' Top 10 Educational Podcasts in 2022
- Achieved a monthly audience of 20,000-30,000 listeners and significant social media presence (35,000+ followers)

Unified Physical Compliance Framework for AI-Generated 3D Assets (CS197)

- Investigates the discrepancy between visual fidelity and physical accuracy in AI-generated 3D assets, quantifying missing simulation parameters
- Analyzes interoperability issues arising from divergent standards in AI research and industry development workflows
- Develops a unified specification of core physical attributes—mass distribution, collision geometry, stability metrics—for game-ready assets

Affinity-Based Neural-Network Content Recommendation Engine (Python)

- Gathered and cleaned user review data to create a structured training dataset
- Developed and fine-tuned a neural network architecture to capture contextual nuances in feedback
- Evaluated recommendation accuracy and refined model performance through iterative testing

Honors & Metrics

- SAT - 1590 (800 Math/790 Verbal)
- NZQA Scholarship Winner in Statistics (Highest national government award for secondary schoolers)
- Regional Winner/National Finalist - World Schools Debating
- UoA National Economics Competition - Top 10 (~4000 participants)
- Economic Policy Op-Eds published in the Washington Examiner, RealClearPolitics, The Federalist, Mises Institute, International Policy Digest, FEE, Counterpunch