

EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC

May 2028

Pre-Business Studies; B.S. Computer Science

- GPA 3.81; Affiliations: Visual Computing and Augmented Intelligence Lab, Scholars of Finance, TechX

Honors and Awards

- Carolina Global Launch, Dean's list, PIT Journal Shark Tank Pitch Winner, Berkeley Model UN Research Award
- NJ French Seal of Bilingualism, Pride of Hillsborough Award, Hillsborough Board of Education Student Representative

Global Experience – Stirling, Scotland

Sep. 2024-Dec. 2024

Study Abroad

- Provided academic leadership and representation to 90+ international students as an academic representative
- Facilitated the Foreign Languages Society, fostering cross-cultural teamwork among students from 5+ countries

EXPERIENCE

Star Course Holdings – Charlotte, NC

Apr. 2025-Present

Private Equity Intern (Firm acquiring and growing businesses)

- Sourced and qualified 300+ businesses, yielding industry-leading response rates and advanced targets to due diligence
- Increasing daily lead outreach by 2.25x (20 to 45) by building an automated system through LLMs and OpenAI API
- Performed due diligence on 10+ SMB targets in healthcare and SaaS, including analysis, retention, and modeling
- Built and stress-tested financial models (DCF, LBO) to forecast IRR, EBITDA, and cash flow for acquisitions
- Authored investment memos and industry thesis for multiple shortlisted deals totaling \$25M+ in enterprise value

Swing Phi – Remote

Apr. 2025-Aug. 2025

Software Engineer Intern (Fintech startup leveraging AI to build trading software)

- Serving as the lead backend engineer for a stock analytics platform, building and deploying 20+ API routes
- Engineering robust data pipelines for equities, crypto, and capital markets data, integrating multiple financial APIs
- Reduced API latency by over 35% across 7 core routes by refactoring and optimizing legacy backend codebase
- Cut data processing time and latency by over 65% by building robust, real-time ingestion pipelines with Django
- Deployed OpenAI-powered NLP models on Microsoft Azure to parse SEC filings and inform trade decisions

Prep Expert – Remote

Aug. 2024-Present

Instructor (Shark Tank featured tutoring company backed by Mark Cuban)

- Acquiring 5+ new clients weekly as a top 1% SAT tutor, driving international client engagement and sales growth
- Proposing 3+ monthly curriculum and operational improvements directly to the Prep Expert national leadership team
- Boosting student SAT scores by an average of 200+ points by analyzing performance data and creating study plans
- Providing individual and class tutoring to groups of 15-50 students from 9th to 12th grades throughout the U.S.
- Specializing in advanced STEM instruction, including AP Calculus and AP Physics C to accelerate business growth

LEADERSHIP AND COMMUNITY INVOLVEMENT

VisuAlize – Chapel Hill, NC

Feb. 2025-Present

Founder (AI-powered stock analysis platform)

- Founded an AI-powered stock analysis and company valuation platform processing over 100 user requests per day
- Leveraged OpenAI APIs and the SEC EDGAR database to perform financial modelling on requested companies

Hillsborough Township Board of Education (BOE) – Hillsborough, NJ

Aug. 2023-Aug. 2024

Student Representative (Liaison between students and BOE)

- Selected to voice concerns of 7,200+ students as the single student representative, contributing to 5+ policies bi-weekly
- Advised the board on security, leading to the implementation of policies that reduced bathroom vandalism by 20+%

ADDITIONAL INFORMATION

- Technical Skills:** Java, Python, HTML/CSS, JavaScript, R, SQL, Tableau, React
- Languages:** Native Hindi speaker; native Bengali; conversational French
- Interests:** Golf, Trumpet, Guitar, Model UN, Weightlifting