

EDUCATION

University of North Carolina at Chapel Hill – Kenan-Flagler Business School

Chapel Hill, NC

Bachelor of Science in Business Administration, Bachelor of Science in Computer Science

May 2028

- Cumulative GPA: 3.81, Dean's List All Semesters
- Affiliations: Scholars of Finance, TechX, Visual Computing and AI Lab, Global Launch (Scotland study abroad)

PROFESSIONAL EXPERIENCE

Capital One

McLean, VA

Incoming Summer Business Analyst

June 2026 – August 2026

- Incoming Summer 2026 Business Analyst through the Analyst Early Internship Program (AEIP)

Star Course Holdings

Charlotte, NC

Private Equity Intern (Lower middle market buyout firm)

April 2025 – Present

- Sourcing and qualifying 300+ businesses, yielding industry-leading response rates (10%; 2x industry average)
- Authoring 3 investment memos for deals totaling \$25M+ in enterprise value, advancing targets to due diligence
- Scaling daily lead outreach by 2.25x (20 to 45 leads/day) by developing automated LLM-powered qualification systems
- Conducting due diligence on 10+ healthcare and SaaS targets (\$5-25M revenue), including analysis and modeling
- Building and stress-testing financial models (DCF, LBO) to forecast IRR, EBITDA, and cash flow for acquisitions

Swing Phi

Remote

Software Engineer Intern (Fintech startup building trading software)

April 2025 – August 2025

- Engineered real-time data pipelines integrating 5+ financial APIs (Polygon, Alpha Vantage) for equities and crypto
- Built and deployed 20+ API endpoints for equity trading platform serving as the lead backend engineer
- Reduced API latency by 35% (250ms to 160ms avg) across 7 core routes through database query optimization
- Decreased data processing time by 65% by implementing Django-based streaming ingestion pipelines
- Deployed OpenAI-powered NLP models on Microsoft Azure to parse SEC filings and inform trade decisions

LEADERSHIP AND INVOLVEMENT

Visual Computing and Augmented Intelligence Lab

Chapel Hill, NC

Research Assistant (UNC Lab)

January 2025 – Present

- Developing full-stack lab website with Next.js and TypeScript, implementing secure authentication and CMS
- Building ML pipelines using LangChain and PyTorch to process visual computing datasets for ongoing research projects
- Supporting computer vision model deployment through data preprocessing and TensorFlow pipeline management

VisuAlize

Chapel Hill, NC

Founder (Fintech project)

February 2025 – Present

- Built an AI-powered stock analysis and company valuation platform processing 100+ user requests per day
- Automated DCF modeling by parsing SEC 10-K filings via OpenAI API, generating valuations for 100+ companies

Hillsborough Township Board of Education

Hillsborough, NJ

Student Representative

August 2023 – August 2024

- Elected student representative to Board of Education (1 of 7,200 students), advising on 40+ district policies annually
- Advised on security, technology infrastructure, and budget allocation policies affecting 7,200 students district-wide

HONORS AND AWARDS

UNC PIT Journal, Shark Tank Pitch Winner

March 2025

- 1st place among 6 teams; pitched a sustainable tea product business plan to a panel of entrepreneurs and investors

Resolution Honoring Student Representative

June 2024

- Recognized by Board of Education resolution for distinguished service in student policy advocacy and leadership

SKILLS AND INTERESTS

- Technical: Financial Modeling (DCF, LBO, Comps), Tableau, R, Python, SQL, Java, HTML/CSS, JavaScript, React
- Languages: Native Hindi and Bengali, Conversational French
- Interests: Golf, Trumpet, Model UN, Weightlifting, Traveling
- Other: U.S. Citizen, SAT: 1550/1600 (790 Math, 760 English)