

# RIO KUCHLYAN

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## EDUCATION

**University of North Carolina at Chapel Hill | Kenan-Flagler Business School**  
*Bachelor of Science in Business Administration, Bachelor of Science in Computer Science*

Chapel Hill, NC  
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

*Incoming Summer Business Analyst*

Mclean, VA

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

### Star Course Holdings

*Private Equity Intern (Lower middle market buyout firm)*

Charlotte, NC

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

*Software Engineer Intern (Fintech startup building trading software)*

Remote

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

*Founder (Fintech project)*

Chapel Hill, NC

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; U.S. Citizen
- Interests: Golf, Trumpet, Model UN, Weightlifting, Traveling