

# RIO KUCHLYAN

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## EDUCATION

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

B.S. Business Administration (*Finance & Consulting*), B.S. Computer Science

Chapel Hill, NC

May 2028

- GPA: 3.81 (Dean's List 2x), TechX, Carolina Global Launch (Semester in Europe at the University of Stirling, Scotland)

## PROFESSIONAL EXPERIENCE

### Capital One

*Incoming Summer Business Analyst*

McLean, VA

June 2026 – August 2026

- Selected for the 2026 Analyst Early Internship Program (AEIP) to develop financial modeling and product strategy skills

### Star Course Holdings

*Private Equity Intern*

Charlotte, NC

April 2025 – January 2026

- Sourcing and qualifying 300+ NC based businesses, yielding industry-leading response rates (10%; 2x industry average)
- Authoring 3 investment memos for deals totaling \$25M+ in enterprise value, advancing multiple 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, SaaS, and B2B targets (\$5-25M revenue), including analysis and modeling
- Building and stress-testing financial models (DCF, LBO, CCA) to forecast IRR, EBITDA, and cash flow for acquisitions

### Swing Phi

*Software Engineer Intern*

Remote

April 2025 – August 2025

- Engineered real-time data pipelines integrating 5+ financial APIs (Polygon, Alpha Vantage, SEC) for equities and crypto
- Developed and engineered 20 internal API endpoints for equity trading platforms, serving as the lead backend developer
- Reduced API latency by 35% (250ms to 160ms avg) across 7 core routes through database query and logic optimization
- Decreased data processing time by 65% by enhancing core business logic and implementing Django-based data pipelines
- Deployed OpenAI and Anthropic powered AI models on Microsoft Azure to parse SEC filings and create trade decisions

## LEADERSHIP AND INVOLVEMENT

### VisuAlize

Chapel Hill, NC

*Lead Developer*

February 2025 – Present

- Built an AI-powered equity analysis and company valuation platform processing 100+ user requests and queries per day
- Automated modeling by parsing SEC 10-K filings via OpenAI APIs, generating valuations (DCF) for 100+ corporations
- Engineered interactive charts and sentiment-based word clouds through D3.js, rendering complex financial visualizations
- Leveraged Supabase to manage and authenticate 50+ users, reinforcing security through two factor authentication (2FA)

### Visual Computing and Augmented Intelligence Lab

Chapel Hill, NC

*Research Assistant*

January 2025 – Present

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

### Scholars of Finance

Chapel Hill, NC

*Member*

January 2025 – Present

- Selected for the 8-week Recruitment Bootcamp, mastering technical concepts and valuation methodologies (DCF, LBO)
- Completed the 7-week Leadership Development Program, analyzing ethical business case studies with industry mentors
- Engaged in weekly symposiums to analyze real-world financial dilemmas, refining public speaking and critical thinking

## HONORS AND AWARDS

### UNC PIT Journal, Shark Tank Pitch Winner

March 2025

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

### Resolution Honoring Student Representative

June 2024

- Recognized through a Board of Education resolution for distinguished service in school policy, advocacy, and leadership

## SKILLS AND INTERESTS

- **Technical:** Financial Modeling (DCF, LBO, CCA), Tableau, R, Python (pandas, numpy), SQL, AWS, Azure, JavaScript
- **Interests:** Golf, Trumpet, Model UN, Photography, Weightlifting, Solo traveling, Native Hindi & Bengali, Conv. French