

RIO KUCHLYAN

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EDUCATION

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

B.S Business Administration, B.S Computer Science

Chapel Hill, NC

May 2028

- GPA 3.81 (Dean's List 2x), Scholars of Finance, TechX, Carolina Global Launch (Semester abroad in 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 (Lower middle market buyout firm)

Charlotte, NC

April 2025 – Present

- 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 (Fintech startup building trading software)

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

Lead Developer (Fintech project)

Chapel Hill, NC

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

Research Assistant (UNC Lab)

Chapel Hill, NC

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

Member

Chapel Hill, NC

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