RIO KUCHLYAN

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EDUCATION

University of North Carolina at Chapel Hill – Kenan-Flagler Business School Chapel Hill, NC
B.S. Business Administration (Finance & Consulting), B.S. Computer Science May 2028
- *GPA:* 3.81 (Dean's List 2x), TechX, Carolina Global Launch (First semester study abroad program at Stirling, Scotland)

PROFESSIONAL EXPERIENCE

Capital One Mclean*, *VA
Incoming Summer Business Analyst June 2026 – August 2026
- Selected for the 2026 Analyst Early Internship Program (AEIP) to develop financial modeling and product strategy skills

Star Course Holdings Charlotte, NC
Private Equity Intern 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 Remote
Software Engineer Intern 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