RIO KUCHLYAN

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EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC   May 2028
Business Administration; B.S. Computer Science

Honors and Awards
- Research Award at Berkeley Model UN, Position Paper Award at Rutgers Model UN, Coach's Award at HHS Debate
- New Jersey French Seal of Biliteracy, Pride of Hillsborough Award and Scholarship, Student Representative Honor

Global Experience – Stirling, Scotland   Sep. 2024-Dec. 2024
Study Abroad
- Served as an academic representative, providing leadership, guidance, and representation to 90+ international students
- Analyzed and pitched stocks and developed investment strategies as part of the Student Managed Investment Fund

EXPERIENCE

CARVR – Chapel Hill, NC   Feb. 2025-Present
Augmented and Virtual Reality Developer
- Developing virtual meditation environments and real-time music collaboration through AR and VR applications
- Optimizing performance in VR and AR applications by refining UI elements and programs within 3D environments

App Team Carolina – Chapel Hill, NC   Jan. 2025-Present
iOS Bootcamp Trainee
- Implementing 3+ iOS applications using Swift and Xcode, focusing on user-friendly interfaces and efficient performance
- Refining mobile applications through API integrations, iOS debugging, and executing apps from concept to launch

Prep Expert – Remote   Aug. 2024-Present
Instructor
- Top 1% SAT tutor specializing in coaching students for the SAT, PSAT, and multiple AP exams including AP Physics C
- Providing individual and class tutoring to groups of 15-50 students from 9th to 12th grades throughout the United States
- Delivering innovative ideas for operations to Prep Expert, a Shark Tank featured company backed by Mark Cuban

LEADERSHIP AND COMMUNITY INVOLVEMENT

Scholars of Finance – Chapel Hill, NC   Feb. 2025-Present
Candidate
- Developing leadership competencies through case studies, mentorship, and discussions on integrity in finance
- Collaborating with peers to analyze real-world financial scenarios and propose ethical investment strategies

riokuchlyan.com – Remote   May 2022-Present
Developer
- Generated over 3,000+ interactions and website visits through a web portfolio to expand full-stack development skills
- Developed fintech projects with 120+ downloads using various libraries, frameworks, cryptography methods, and UIs

Hillsborough Township Board of Education (BOE) – Hillsborough, NJ   Aug. 2023-Aug. 2024
Representative and Consultant
- Chosen to voice concerns of 7,200+ students as the single student representative, contributing to 10+ policies bi-weekly
- Consulted the BOE on questions regarding funding for alarm systems compared to faculty for bathroom monitoring
- Facilitated the implementation of alarm systems and computer sign-ins to reduce bathroom vandalism by over 20%

Columbia University – New York, NY   Oct. 2022-May 2024
Science Honors Program Scholar
- Program accepting 10% of applicants to learn several concepts related to the Doppler effect and postulates of relativity
- Utilized R to model statistical scenarios and create neural networks to predict New York City crime rates

ADDITIONAL INFORMATION
- Java, Python, HTML, CSS, JavaScript, R, Git, Flask; Native Hindi speaker; native Bengali; conversational French
- Model UN, golf, guitar, trumpet, Taekwondo, certified lifeguard, public speaking; US permanent work authorization