

Rio Kuchlyan

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EDUCATION

University of North Carolina at Chapel Hill

Bachelor of Science in Computer Science, Pre-Business Studies

Chapel Hill, NC

Aug. 2024 – May 2028

EXPERIENCE

Augmented and Virtual Reality Developer

Carolina AR/VR

Feb. 2025 – Present

Chapel Hill, NC

- 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
- Used Unity, Unity MIDI Toolkit, and Koreographer to develop music import functionality into VR apps

Instructor

Prep Expert

Aug. 2024 – Present

Remote

- Top 1% SAT tutor specializing in coaching students for the SAT and multiple AP exams including AP Physics C
- Providing individual and class tutoring to groups of 15-50 high school students throughout the United States
- Delivering innovative ideas for operations to Prep Expert, a Shark Tank featured company backed by Mark Cuban

Representative

Hillsborough Township Board of Education (BOE)

Aug. 2023 – Aug. 2024

Hillsborough, NJ

- Collaborated and discussed with student councils and BOE regarding the student community, highlights, issues, and concerns, leading to the BOE voting on 10+ policies bi-weekly
- Consulted the BOE on questions regarding funding for alarms compared to faculty for bathroom monitoring
- Facilitated the implementation of alarm systems and computer sign-ins to reduce bathroom vandalism by over 20%

Math Tutor

Mathnasium

Aug. 2023 – Aug. 2024

Hillsborough, NJ

- Gathered customer feedback from 130+ customers and collated and presented the data through R and Excel
- Conducted regression and analysis to deliver a report suggesting polices, improving customer satisfaction by 10+%

PROJECTS

Dog Adoption System | *Next.js, React, Supabase, Git*

Feb. 2025 – Present

- Developed a full-stack web application using Next.js, Tailwind CSS, and Supabase with React as the frontend
- Built a serverless backend with Supabase for handling pet listings and real-time database updates
- Integrated Dog API to fetch real-time dog breed data, images, and descriptions, enhancing the adoption experience

Password Manager | *Python, Cryptography, Tkinter, Git*

May 2024 – Jul. 2024

- Utilized the Fernet library to encrypt password inputs into a local password manager with 120+ downloads
- Designed a modern UI using Tkinter and 2 custom Tkinter libraries, creating an appealing design
- Implemented core functionalities, including password generation, search, and CSV export

Customer Feedback Report | *R, Regression*

Mar. 2024 – Jun. 2024

- Collected and analyzed customer feedback and data from Mathnasium at Hillsborough's 130+ customer base
- Utilized R to process, visualize, and present data, creating actionable reports, improving satisfaction by 10+%
- Conducted regression analysis to assess factors affecting customer satisfaction and delivered recommendations

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Next.js, Flask

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Tkinter

Other: English, French, Hindi, Bengali; Authorized to work for any US employer