

Rahul Nambiar

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EDUCATION

University of Pennsylvania | Philadelphia, PA | GPA 3.68, Major GPA 4.0. **Expected Graduation: May 2024**
Bachelor of Science in Engineering (BSE) in Computer Science, Accelerated Masters (MSE) in Computer Science

Minors: Mathematics and Engineering Entrepreneurship

Relevant Coursework: Artificial Intelligence, Data Structures & Algorithms, Databases, Big Data Analytics, Venture Capital Financing, Technology Entrepreneurship, Computer Architecture, Product Design, Discrete Mathematics

Clubs & Activities: Wharton Asia Investments (Quant and Global Macro Team), Wharton Management Club (Consultant), Wharton Venture Lab Fellow, Zeta Beta Tau Fraternity (Executive Board)

Sevenoaks School | Sevenoaks, United Kingdom

August 2018 – May 2020

Honors: Medalist – National Mathematics Olympiad, CERN Student Program, IBM Quantum Computing Workshop

PROFESSIONAL EXPERIENCE

University of Pennsylvania, Graduate Teaching Assistant | **Philadelphia, PA**

January 2023 - Present

- Host weekly office hours, lead recitations, and create exams/homework for a 400+ person graduate level Computer Science course on Databases and Information Systems (CIS 5500) at Penn Engineering.

Jochi, Co-founder & Technical Lead | **Philadelphia, PA**

October 2021 – Present

- Spearheaded the technological development of a University of Pennsylvania backed ed-tech startup, securing over \$30,000 in early-stage grant funding from the Wharton Venture Lab - over 30 students onboarded in the initial pilot, currently deployed at 5 schools in the United States
- Coordinating with the business team to analyze over 100,000 data points to improve functionality and heading business outreach to secure seed stage funding by December 2023
- Mentoring students at local schools – culminating intern positions to spark interests in entrepreneurship

National Basketball Association (NBA), Software Engineering Intern | **New York, NY**

June 2022 – August 2022

- Collaborated closely with product, engineering, and business teams to develop streaming services on the NBA app for over 30 million users on connected web devices (PlayStation, Xbox, Roku, etc.)
- Engineered a Next.js powered bug-handling form to sync with Azure APIs to boost productivity of 200+ engineers and conducted extensive A/B testing to optimize efficiency and performance
- Developed a clustering system of 1M+ users' subscription retention rates to strategize content personalization in collaboration with senior-level business development members

ACTIVITIES, CLUBS & PROJECTS

Penn Garage, Project Lead | **Philadelphia, PA**

January 2023 – Present

- Leading the development team to build an integrated marketplace for 10,000+ Penn students
- Working with Professor Eric Fouh from Penn Engineering to deploy with university systems

Wharton Asia Exchange, Quant Investment Team | **Philadelphia, PA**

September 2020 – Present

- Utilized quantitative trading research strategies using Python to invest in over 10 Asian firms and performed time series analysis to predict future Foreign Direct Investment in the Indian economy

Occasions, Freelance Web Development | **Dubai, UAE**

April 2020 – August 2020

- Developed a React powered client-side website for a local cake shop during the COVID-19 lockdown
- Boosted sales by 37% through integration with delivery services and implementing e-payment options

SPECIALIZED SKILLS

Languages: Java, JavaScript, Python, C, OCaml, SQL, HTML, Swift, React, MERN stack

Tools: Pandas, NumPy, TensorFlow, Bootstrap, Microsoft Suite, Git, Data Processing, Figma, Rhino3D, CSS

Interests: Rubik's cube enthusiast, Early-Stage Startups, Tutoring, UAE Juniors Cricket Team