

Rishab Patel

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Education:

Rutgers University-New Brunswick - Piscataway, NJ

Bachelor of Science in Computer Engineering/Minor in Computer Science

Graduation: May 2026

GPA: 3.4

Work/Relevant Experience:

Headstarter AI

July 2024 - Present

Software Engineering Fellow

- 5 innovative projects in 7 weeks, utilizing a diverse tech stack including Java, Python, HTML/CSS, and many frameworks/toolkits. Engaged in interview preparation, networking, and personal brand development, demonstrating proficiency in full-stack development, AI integration, and rapid prototyping.

PSEG

Jan 2024 - May 2024

Research Extern via Rutgers MBS Externship Exchange

- Conducted comprehensive research on Smart City initiatives, contributing valuable insights into sustainable urban development strategies. Synthesized and proposed recommendations on potential partnerships in public education, green transport, and digital kiosk implementation that can uplift and spur innovation in the City of New Brunswick.

Starbucks

Aug 2021- July 2022

Barista

- Worked in a fast-paced environment where accuracy and precision were as critical as customer support and connection. Able to multi-task and manage multiple roles in a high-stress environment. Experience in teamwork, collaboration, and customer de-escalation. Educating customers on drinks, making recommendations, handcrafting quality beverages, and memorizing over 100 recipes.

Projects:

NBA MVP Prediction Model

June 2024

- Developed an NBA MVP prediction model leveraging web scraping, Python, Pandas, and machine learning to accurately analyze player performance data and predict MVP winners.

Pantry Tracker Application

July 2024

- Developed a pantry management application with Next.js, Material UI, and Firebase, allowing users to efficiently track and update pantry items by adding, removing, and modifying quantities.

AI Customer Support Chatbot

August 2024

- Built, refined, and deployed a functional AI-powered Support Assistant, gaining hands-on experience with Next.js, React, Material-UI, and the OpenAI API. This project provided valuable insights into the end-to-end process of deploying a web application.

Organizations:

President

November 2023-Present

7x24 Exchange

- Started a Rutgers Chapter for 7x24 Exchange by connecting with infrastructure/data center professionals through an engineering professor. Recruited 15+ members and am working with a team to organize informational workshops and live Q&As with engineers in the workforce.

Certifications and Skills:

- **Programming Languages:** Python, Java,
- **Web Development:** HTML/CSS, Next.js, React, Material-UI, Firebase, Vercel
- **Data Science & Machine Learning:** Pandas, Machine Learning, PyTorch
- **Tools & Platforms:** Git/GitHub, MS Office, AWS Certified Cloud Practitioner
- **Hardware & Electronics:** Digital Logic/Circuit Design, Test Equipment, Soldering
- **Additional Skills:** Web Scraping, OpenAI APIs, MATLAB