

EDUCATION & HONORS

Rutgers University - New Brunswick, School of Engineering | Piscataway, NJ

Bachelor of Science in Computer Engineering, Minor in Computer Science

Majors: Computer and Electrical Engineering

August 2022 - May 2026

GPA 3.4 / 4.00

PROFESSIONAL EXPERIENCE

Headstarter AI | Edison, NJ

Software Engineering Fellow

- Completed 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.

July 2024 - Sept 2024

PSEG | Piscataway, NJ

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.

Jan 2024 - May 2024

Starbucks | Manalapan, NJ

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.
- Educating customers on drinks, making recommendations, handcrafting quality beverages, and memorizing over 100 recipes. Experience in teamwork, collaboration, and customer de-escalation.

Aug 2021 - July 2022

PROJECTS

NBA MVP Prediction Model | Marlboro, NJ

Personal Project

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

June 2024

Pantry Tracker Application | Marlboro, NJ

Headstarter Project

- 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.

July 2024

AI Customer Support Chatbot | Marlboro, NJ

Headstarter Project

- Developed and deployed an AI-powered Support Assistant using Next.js, React, and OpenAI API, streamlining customer interactions with intelligent automation.
- Gained comprehensive experience in front-end and back-end integration, enhancing user interface with Material-UI and successfully launching a fully functional web application.

August 2024

LEADERSHIP

Rutgers 7x24 Exchange | Piscataway, NJ

President

- Founded and lead Rutgers 7x24 Exchange, connecting students with industry leaders in mission-critical infrastructure.
- Grew membership to 15 students, organizing events and discussions that provide insights into the mission-critical operations of various industries.

November 2023 - Current

SKILLS

- Programming Languages: Java, Python
- 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