

Hemal Patel

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EDUCATION

Rutgers University, School of Arts and Sciences, New Brunswick, NJ

B.S. Computer Science | GPA: 4.0 | Dean's List Honoree

Expected Graduation: May 2024

Mercer County Community College, West Windsor, NJ

Associates Degree in Science, Concentration: Computer Science | GPA: 3.89

September 2020 – May 2022

RELEVANT COURSEWORK

- Introduction to Computer Science, Data Structures, Computer Architecture, Principles of Information and Data Management, Software Methodology, Introduction to Data Science, and Design and Analysis of Computer Algorithms, Data Management for Data Science, Numerical Analysis Computing

EXPERIENCE

GadgetBox

Software Developer Intern

New York City, NY

June 2021 – August 2021

- Conceptualized and executed the development of a new company website, resulting in a 30% surge in online visibility and a 15% increase in website traffic within the internship duration.
- Played a pivotal role in developing a tailored inventory management system, resulting in streamlined operations and a 20% reduction in inventory discrepancies.

PROJECTS

Threads Clone

September 2023 - October 2023

- Built a Threads app clone with features such as user authentication, profile management, file uploads, and real-time event listening using **React**, **Next.js**, **TypeScript**, and **MongoDB**.
- Implemented server-side rendering, optimizing performance and user experience

Stock Data Viewer

August 2023

- Developed a **Python** application using Tkinter, retrieving historical stock data using Alpha Vantage API, and visualizing trends through Matplotlib and Seaborn graphs.
- Implemented a news aggregation feature within the application, utilizing Stock Data API to fetch and display current stock-related news in a user-friendly format.

Self-Portfolio Website

December 2022

- Designed a website to showcase projects, skills, and interests using **HTML**, **CSS**, and **JavaScript**

LEADERSHIP

BAPS Swaminarayan Temple

Youth Activities Organizer

Robbinsville, NJ

September 2016 - Current

- Guided a team of high school students to conduct weekly religious seminars for 20-30 youths, focusing on instilling traditional Hindu and BAPS values as a moral foundation.
- Facilitated significant events for over 400 youths, such as Kids' Diwali Celebration and Youth Sporting Events.
- Coordinated with 4-5 departments to plan and execute community activities encouraging youth involvement.

Safety Field Team Lead

May 2022 – August 2023

- Collaborated with and led a team of 10 volunteers in conducting safety inspections of a construction site, identifying and mitigating 100+ potential hazards to ensure a safe working environment.
- Trained groups of volunteers of different backgrounds biweekly on proper equipment usage and worksite hazards, reducing minor injuries by 50%.
- Networked with OSHA officials to ensure that safety regulations on site were adequately met.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, HTML, CSS, JavaScript, SQL, TypeScript
- **Frameworks/Tools:** React, Next.js, MongoDB, MySQL, JSP, Bootstrap, Git/Github, Excel