

Hemal Patel

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EDUCATION

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

Expected Graduation: May 2024

B.S. Computer Science

Mercer County Community College, West Windsor, NJ

September 2020 - May 2022

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

RELEVANT COURSEWORK

- Introduction to Computer Science, Data Structures, Computer Architecture, Principles of Information and Data Management

PROJECTS

Electronic Audio Synthesizer

December 2021

- Implemented a Java application where the user is allowed to digitally play notes on the GUI using their mouse. Users can adjust the octave of the notes as well as the attack, decay, sustain, and release of the played notes. Additionally, users also have the option to play harmonics and adjust the master volume.

Self-Portfolio Website

July 2022

- Assembled a website to showcase projects, skills, and interests using HTML, CSS, and JavaScript.

Electronic ATM Simulator

June 2020

- Constructed a C# application that simulates an ATM. Users were allowed to make an account in which they could log in and out within the application. Once logged in, users had the option of depositing, withdrawing, checking their balance, and checking their account history. Each account would have its data saved locally.

LEADERSHIP

BAPS Swaminarayan Temple

Robbinsville, NJ

Youth Activities Organizer

September 2016 - Current

- Managing a team of high school students in coordinating and carrying out weekly religious seminars for 20-30 youths, providing them with a moral foundation and connecting them to traditional Hindu and BAPS values.
- Overseeing large events for over 400 youths, such as Kids' Diwali Celebration and Youth Sporting Event Day.
- Communicated with people from other departments to plan and execute activities that get the youth involved within their own communities.

Safety Field Team Lead

June 2022 – September 2022

- Worked with and managed a team of volunteers to go around a construction site looking for and resolving potential safety hazards.
- Networked with officials from OSHA to ensure safety regulations on site were met adequately.
- Mentored groups of volunteers from various backgrounds biweekly on proper equipment usage and various worksite hazards, reducing minor injuries by 50%.

SKILLS & INTERESTS

- **Programming Languages:** Java, C++, C#, HTML, CSS, JavaScript
- **Technical:** Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Git/GitHub
- **Language:** Fluent English, Intermediate Gujarati
- **Interests:** Fitness, Nature, Music, Basketball, Photography, Reading