

# RIYA PATEL

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<https://riyapat135.github.io/personalportfolio/>

## EDUCATION

**University of South Carolina**

Major: Computer Science

Fall 2024-Spring 2026

**University of South Carolina Lancaster** | Associate in Science | GPA: 4.0

Major: Computer Science | Honors: Dean's List |

Fall 2023-Spring 2024

## PROFESSIONAL EXPERIENCE

**CVS** – Shift Supervisor; Lancaster, SC & Columbia, SC

Oct. 2023-Present

- Cultivated a customer-focused shopping environment by greeting and responding to all customers in a friendly manner.
- Developed a communication system within the store for proper shift expectations.
- Completed opening and closing duties to facilitate business operations.
- Responsible for closing shift duties which included balancing tills, accurately handling cash, and preparing bank deposits.

**ADP Consultants, Inc.** – Engineering Intern; Washington, D.C.

Jun. 2023-Aug 2023

- Contributed to the oversight of multimillion-dollar projects aimed at implementing energy-efficient solutions for low-income housing, conducting site inspections and quality control checks to ensure compliance with project specifications.
- Prepared and maintained detailed documentation, including reports and progress updates.
- Scheduled audit appointments for clients based on efficient traffic route.
- Performed walk-throughs with subcontractors and inspectors to ensure adherence to specifications.

**Burbee Place** – Childcare Worker; Lancaster, SC

Jun. 2022 – Aug 2022

- Oversaw and administered group learning activities, encouraged equal participation, and offered specialized attention based on parent and teacher recommendations.
- Maintained eight-hour supervision of groups ranging between 20 and 50 children.
- Provided a safe, healthy, nurturing environment to all children in the daycare and their families.

**USC(Gambrell Printing Office)**– Office Assistant; Columbia, SC

Oct. 2021-May 2022

- Assisted students in special printing needs and transactional payments for the printing office.
- Demonstrated versatility by assuming the responsibilities of the supervisor during their absence.

**Domino's Pizza** – Cashier; Lancaster, SC

Jul. 2020 – Aug. 2021

- Ensured fast and efficient production of food items.
- Maintained a clean work environment and adhered to all health and safety guidelines.
- Maintained high standards of customer service during high-volume, fast-paced operations.
- Operating the drive-through window and sales register quickly and efficiently.

## PROJECTS

**TracerBot**

Fall 2023-Spring 2024

- Collaborated with classmates to conceptualize, design, and develop TracerBot, an innovative robot engineered to detect human presence and deploy Nerf bullets.
- Utilized machine learning algorithms, including Haar Cascades, Histogram of Oriented Gradients, and Convolutional Neural Networks to enable TracerBot's real-time human detection and monitoring capabilities.
- Designed using AutoCAD for precision modeling and 3D printing for fabricating components.
- Implemented functionality using Python programming language.

## LEADERSHIP AND VOLUNTEER EXPERIENCE

**BAPS Shri Swaminarayan Temple** – Audio Visual Team Member, Youth Group Leader

Apr. 2018 -Present

- Set up all audio and visual equipment (projectors, microphones, speakers, amplifiers, audio sound mixer control panel, and displays) for large scheduled events and regular Sunday meetings.
- Managed lighting shows with multiple lasers and projector screens.
- Conducted training regarding proper usage and operation of AV equipment.
- Directed weekly youth meetings, special group events and overnight excursions.
- Worked with temple leadership, parents, and volunteers to establish clear goals and guidelines for temple youth.

**Medical University of South Carolina, Lancaster** – HR Department

Jul. 2019-Aug. 2019

- Conducted regular rounds within assigned departments to assess and address patients' needs promptly and efficiently.
- Offered assistance and guidance to patients, families, and visitors, ensuring they were safely escorted to their destination.
- Aided nurses in moving patients and providing supplies.
- Provided limited direct patient care that involved serving meals, patient comfort, and cleaning.

## TECHNICAL & ADDITIONAL SKILLS

**Computer Skills:** Python, HTML, CSS, Java, and JavaScript

**Technical Tools & Software Tools:** GitHub, Photoshop, and InDesign, AutoCAD, and PTC Creo

**Languages:** Fluent in Gujarati and Hindi