

# Siyona S. Patel

Civil Engineering and Architecture Student  
[siyona.patel@tufts.edu](mailto:siyona.patel@tufts.edu) | (848) 224-9018 | Somerville, MA

## EDUCATION

**Tufts University**, School of Engineering - Medford, Massachusetts

**September 2021 - May 2025**

**Majors:** Civil Engineering and Architectural Studies

**Type:** Bachelor of Science in Civil Engineering, Bachelor of Arts

### Relevant Courses:

- |                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| - Public Health Engineering | - Statics and Dynamics           | - Strength of Materials |
| - Steel Design              | - Fluid Mechanics                | - Structural Analysis   |
| - Computer Aided Design     | - Sustainable and Resilient Eng. | - Design: Architectural |

## SKILLS AND INTERESTS

- |           |             |             |
|-----------|-------------|-------------|
| - AutoCAD | - Microsoft | - Rhino     |
| - Revit   | - MATLAB    | - PhotoShop |
| - 3ds Max | - RStudio   | - SAP2000   |

**Languages:** Fluent in English and Gujarati

## WORK EXPERIENCE

**Hickox Williams Architects**, Intern

**May 2023 - August 2023**

- Utilized AutoCAD to meticulously capture precise dimensions and accurately model existing conditions for a client's house gate. Developed a comprehensive proposed plan through thoughtful design and attention to detail.
- Executed a successful online marketing strategy by pioneering the company's engagement on Houzz, a leading platform for home remodeling and design. Played a pivotal role in enhancing the company's online visibility and brand recognition. Additionally, contributed to optimizing the company website for improved user experience and engagement.
- Translated provided dimensions and visual references of a residential property undergoing renovation into detailed AutoCAD representations of existing conditions. Produced comprehensive elevation and plan drawings, capturing the accurate state of the property for informed decision-making and renovation planning
- Performed meticulous redline revisions on drawings and seamlessly integrated the suggested edits using AutoCAD
- Developed detailed design catalogs for personalized home solutions, aligning seamlessly with individual client requirements and preferences.

**Marcellos**, Hostess

**May 2022 - Present**

- Managed the front-of-the-house area, greeted and seated guests, answered phones, took reservations and to-go orders, demonstrated exceptional customer service skills, handled multiple tasks simultaneously, and communicated effectively with guests and staff members

## VOLUNTEER SERVICE

**Flash Tutoring**, President and Founder

**June 2020 - August 2021**

- Connected kids ranging from grades 2-6 with high schooler tutors to facilitate learning and academic success

**Hug Wraps**, Assistant to Founder

**June 2017 - August 2021**

- Organized fundraisers, coordinated with a team of volunteers and vendors, and located scholarships for a non-profit organization providing cancer patients with custom gowns for radiation therapy.

**Rise Food Pantry**, Junior Volunteer

**June 2019 - September 2019**

- Transported perishable and non-perishable items to the warehouse, sorted and organized items, distributed bags of food to 100 people each day, and developed excellent organizational and time management skills

## EXTRA CURRICULAR ACTIVITIES

**American Society of Civil Engineers**, Committee and Student Member

**September 2022 - Present**

- Attend forums and lectures given by in-field civil engineers that help give me insight in my future career and develop a strong passion for civil engineering

**National Honors Society**, President

**September 2019 - June 2021**

- Provided leadership to a collection of students promoting academic excellence, leadership, and community service.
- Oversaw the planning and execution of tutoring programs, fundraising, volunteer projects, and school events

**Bordentown Regional High School Sustainability Club**, Community Liaison

**September 2019 - June 2021**

- Helped create school committees, such as TerraCycle and Eco Brick, which aimed to reduce waste and promote recycling in the community

**Bordentown Jaguars Soccer Team**, Captain

**June 2015 - August 2021**

- Demonstrated leadership and motivational skills while guiding a group of athletes and won two state championships

**Bordentown Regional High School Orchestra**, Principal Cellist

**September 2010 - June 2021**

- Led the cello section and ensured that all members were in sync and performing optimally