

Premanshu Patel

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EDUCATION

University of Delaware

College of Engineering

Bachelor of Science in Computer Science

GPA: 3.7

Dean's List: Spring 2020, Fall 2020

Relevant Course Work: Data Structures, Algorithms, Systems Programming, Software Engineering, Statistical Methods, Operating Systems, Parallel Computing, Web Applications

Newark, DE

August 2019 - June 2023

SKILLS

- **Languages:** Python, Java, C++, C, HTML, CSS, JavaScript
- **Software:** Eclipse, Visual Studio Code, Mathematica, Git, Microsoft Excel, Microsoft Word
- **Operating Systems:** MacOS, Windows

WORK EXPERIENCE

Computer Science Teaching Assistant

University of Delaware

Newark, DE

August 2021 - Present

- Assisting students to grasp an understanding of Data Structures in C++
- Mentoring Students in journey as computer scientist in their college careers
- Conducting weekly lab sessions to help students with their understanding of data structures

PROJECTS

Garden Design Application

Class Project

Newark, DE

Spring 2021

- Developed Garden Design with Java and JavaFX
- Worked with the client to fully understand the expectations of this application
- Utilized the agile development method in the development process

Skate Stop Web Application

Class Project

Newark, DE

Present

<https://github.com/SkateStop/skatestop.github.io>

- Working as a team to create a web application for skateboarders to find skating locations near them
- Using the Google Maps API for finding and creating pinned locations
- Linked the web application with Google Firebase to store pictures and videos of pinned locations, as well as user information

LEADERSHIP EXPERIENCE

Youth Coordinator

BAPS Swaminarayan Sanstha

New Castle, DE

September 2015 – Present

- Conducted weekly youth activities for children ranging in ages 4 to 14
- Managed planning, budgeting, and execution of large-scale events for 150+ children
- Mentored individuals in every aspect of their lives: academic, cultural, and spiritual

Event Coordinator

Gujarati Samaj of University of Delaware

New Castle, DE

August 2021 – Present

- Planned a large-scale event for 450+ attendees
- Help Gujarati students connect to their culture and religious background