

# Bhavya Patel

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## Education

**Rutgers University – New Brunswick, Honors College**

Expected Graduation: May 2024

*Majoring in Computer Science*

Cumulative GPA: 4.0

Awards: Henry Rutgers Merit Scholarship, Rutgers Trustee Scholars Merit Scholarship, Dean's List

## Professional Experience

**CarMax**

Richmond, Virginia

*Software Engineer Intern*

*June 2022 – Present*

- Assisted in driving 20% increase in quarterly EV traffic by building quiz to match shoppers with compatible EVs and embedding quiz in search site, reorganizing layout to make EVs and EV research more accessible, and adding visual flags to draw attention to EVs for sale
- Enhanced site's ability to effectively access, display, and filter through EV-specific features
- Updated front-end components to have a more modern look and be more accessibility-friendly
- Used JUnit framework to test behavior of front-end components and validate back-end logic

**Prudential**

Roseland, New Jersey

*Data Science Intern*

*September 2019 – August 2020*

- Reduced weekly data entry, cleanup, and formatting process from four hours of manual work to automated suite of custom PowerShell scripts that run in under a minute and log all work done
- Created Tableau dashboards to help company gauge and optimize contractor performance

**Ion Weather**

Denville, New Jersey

*Software Development Intern*

*December 2017 – February 2020*

- Worked in Java to add scheduling and automation features to weather messaging software
- Built internal status monitoring tool and created accompanying system of visual indicators

## Personal Projects

**FastNav**

[Demo Link](#)

*Web Application*

[GitHub Repository](#)

Flask web application that uses Google Maps API in conjunction with RouteBoxer JavaScript API to find and display gas stations that are conveniently located along users' routes; app also implements Google Autocomplete API and includes functionality to pass parameters through URL to easily share searches

**Rain Water Model**

[Demo Link](#)

*Web Application*

[GitHub Repository](#)

Flask web application that utilizes the Plotly Python library to generate a model that represents how much rain water is trapped between a set of bars of varying heights

## Skills

**Primary Languages:** Python, Java

**Secondary Languages:** HTML/CSS, C#, JavaScript

**Miscellaneous:** Flask, Bootstrap, React, Tableau, Visual Studio Code, PowerShell, OOP, Data Structures

**Soft Skills:** Communication, Leadership, Teamwork, Conflict Resolution, Collaboration