

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

Honors: Henry Rutgers Merit Scholarship, Rutgers Trustees Merit Scholarship, SAS Excellence Award

Professional Experience

CarMax

Richmond, Virginia

Software Engineer Intern

June 2022 – August 2022

- Assisted in driving 10% increase in EV traffic by reorganizing site to make EV research more accessible, adding visual flags to draw attention to EVs, and adding functionality that presents EV content to users who may be interested based on their search phrases and filter selections
- Enhanced back-end's ability to determine what info to include/exclude when rendering EV tiles
- 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, formatting, and cleanup 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, JUnit, Bootstrap, React, Tableau, VS Code, PowerShell, OOP, Data Structures

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