

# Dhruv Patel

## Aspiring Software Engineer

My current objective is to obtain a full-time/internship position to gain industry experience utilizing the skills I've amassed to solve larger problems we as a society face with software. Currently, my focus has been on web development specifically using React and Javascript, but I also have experience working with other technologies and am self-motivated to continue to learn.

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Edison, NJ 

[dhruv-patel1.github.io/portfolio-v2/](http://dhruv-patel1.github.io/portfolio-v2/)

[github.com/dhruv-patel1](http://github.com/dhruv-patel1) 

## EDUCATION

### B.S. Computer Science

#### Rutgers University

09/2017 - 05/2021

New Brunswick, NJ

##### Relevant Courses

- Intro to Java
- Data Structures & Algorithms
- Discrete Mathematics
- Principles of Information & Data Management
- Computer Security
- Computer Architecture
- Design & Analysis of Algorithms
- Software Methodology
- Internet Technology & Networks
- Principles of Programming Languages

## WORK EXPERIENCE

### Fitness Assistant

#### Rutgers Recreation

05/2019 - 01/2020

New Brunswick, NJ

##### Achievements/Tasks

- Provided supervision and information to patrons utilizing the fitness area to ensure their own safety.
- Recorded and inputted data into the system pertaining to the occupancy whilst troubleshooting any issues with system performance on devices to obtain a more accurate real time count of people using the facility.
- Trained and received certifications in CPR/First Aid to assist patrons with any injuries sustained.

### Canvasser/Data Collector

#### Parano & Associates

03/2018 - 06/2018

Linden, NJ

*Parano & Associates is a political consulting firm, specializing in grassroots politics and community relations.*

##### Achievements/Tasks

- Collected and recorded data regarding local election trends by each town sector for further analysis of where more campaigning was necessary to attain a larger voter turnout.
- Developed and employed varying methods of collecting data and prospective voter responses to achieve greater efficiency in obtaining results from the community.

## INTERESTS

## SKILLS

### Programming Languages

*Javascript (ES6), HTML5, CSS3/Sass, Python, Java, JSP, C/C++, SQL*

### Libraries & Frameworks

*React, Redux, Node.js*

### Tools & Platforms

*Git, Webpack, Heroku, Firebase, Chrome DevTools, React DevTools*

### Design & Testing

*JUnit, Jest, Figma, UML*

## PROJECTS

### Access Control System

09/2020 - 10/2020

- Designed and implemented a Python CLI tool that handles various forms of commands to accomplish different tasks related to authorization and permissions locally.
- Stored all access information efficiently in local json files that are generated and updated within the same directory.

### Meal Scouter

06/2020 - 07/2020

- Developed an app using React, Google Maps API, and Edamam API that offers a convenient solution to finding your next meal whether it be at a restaurant or at home as you can quickly search for restaurants or recipes all in one place.
- Implemented and experimented with different key UI/UX principles to achieve a clean, minimalistic design that emphasizes usability/accessibility.
- Created various reusable components to write cleaner and more readable code.

### Random Vidz

05/2020 - 06/2020

- Built a single page app using React and the Youtube API to randomly find a video based on a topic either chosen or specifically searched for to prevent wasting time looking for or selecting a video to watch.
- Prototyped design and logos using Figma and incorporated pre-built components from the Material UI library.

### Airline Travel Reservation System

11/2019 - 12/2019

- Developed an online flight reservation system by building a database using MySQL, creating a user interface using HTML/CSS, and connecting the UI and the database with Java and JDBC.
- Incorporated customer and admin functionality features which include viewing all available flights, reserving flights, checking reservation history, canceling flights, and etc.