

RAHUL TRIVEDI

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ACADEMIC BACKGROUND

RUTGERS UNIVERSITY - NEW BRUNSWICK

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, 2022

GPA: 4.0

Coursework:

- Data Structures and Algorithms
- AI Through the Ages
- Computer Architecture
- Systems Programming
- Data 101
- Discrete Structures
- Operating Systems
- Principles of Programming Languages

EXTRACURRICULARS

Undergraduate Student Alliance of Computer Scientists

EDUCATION DIRECTOR

- Write clearer assignment descriptions for intro level classes,
- Bring in seniors, professors, companies, and alumni for technical talks
- Organize the mentorship program to pair underclassmen with experienced CS undergraduates.

Rutgers FizzBuzz

EDUCATION DIRECTOR

- Host a weekly interview prep workshop that teaches undergraduates the basics of interviewing and how to tackle technical questions.

SKILLS

Languages: Java, Python, C, JavaScript, HTML, CSS

Libraries/APIs: Flask, Pymongo, React, Anime.js, Particles.js, Twilio API, Google Maps API,

Tools: Git, Docker, VSCode, Pycharm, Atom, Eclipse, Vim

PROJECTS

RU-BuSMS

HACKATHON PROJECT - FALL 2019

- Created a program that will send a text message with the closest bus stop and bus to take from one Rutgers New Brunswick location to another using **Python** and **Flask**
- Utilized the Google Maps API to find the longitude and latitude of the location to check whether it falls into the vicinity of each of the campuses .

Hackerspace Dashboard

PERSONAL SIDE PROJECT - FALL 2019

- Used **Flask** and **Python** to create a check-in /check-out system for the hackerspace at Rutgers where hardware can be checked out.
- Created a database to store user info and all items checked out from the hackerspace using **Pymongo** and **Docker**.

iLab Ticket System

PERSONAL SIDE PROJECT - SPRING 2020

- Developed a ticket system for iLabs where it keeps track of help requests from undergraduates who need assistance using **Flask** and **Python**
- Implemented a database that stores tickets that were handled and has a login/logout system to mark who resolved the ticket using **Pymongo** and **Docker**.

Personal Website

PERSONAL SIDE PROJECT - SUMMER 2020

- Launched a personal portfolio to display projects and my resume using **React**.
- Designed animations for the background of the site using **Anime.js** and **Particles.js**