Dev Patel

Edison, NJ | 732 - 812 - 7181 | devpatel3852@gmail.com | https://www.linkedin.com/in/dev-patel-a91656264/

EDUCATION:
_____

RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
School of Arts and Science   **New Brunswick , NJ**
Bachelor of Science, Computer Science   **May 2025**
- GPA: 3.3
- Deans List: Spring 2023

RELEVANT COURSEWORK:
Introduction to Computer Science, Data Structures, Computer Architecture, Introduction to Discrete Math I, Calculus 1 & 2,Design & Analysis of Computer Algorithms,Operating Systems, Data 101

CAMPUS INVOLVEMENT:
_____

Member: Rutgers USACS.   **Sep 2021 - Current**
- Club ran by students that focuses on collaboration between students, and learning fundamental computer science skills, as well as life skills.

Member: ASL Club   **Sep 2021 - Current**
- Club to learn the basics of American Sign Language, Different letters and words in American Sign Language.

PROJECTS:
_____

Weather Generator:
- Given values of the possibility of rain for each month, predicate the weather of the given day, the possibility of rain and the percentage of rain

Art Collage:
- Make a collage of pictures, that can be modified, whether make one black and white, replace a tile in the collage with a different picture, colorize a tile into a given color given RGB

RU Warehouse:
- Implement hash table and priority queues to make a warehouse of products associated with Rutgers University, and prioritize it based on the need for the item, and restock the number of products and deleteProduct based on the purchase.

Huffman Coding:
- Implement Huffman Coding using queues to encode and decode text-files, make encodings, output the encoding and decoding into a separate text file.

SKILLS:
_____

- Programming Languages: Java , C, Matlab, Haskell, Prolog, R
- Teamwork,Organized,Responsible, Problem-Solving
- Microsoft Skills: Word, Excel, Powerpoint
- Multilingual: Fluent in Gujarati, Intermediate in Hindi
- Interests: Computer, Gaming, Sports