Jashan Sehgal

IT Student

A highly motivated and dependable technology enthusiast with exceptional abilities in data structures and algorithms, as well as strong leadership and communication competencies. Possessing a keen ability to learn and explore new technologies with ease

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⬡ github.com/GeekyJashan

EDUCATION

Bachelors of Technology in Information Technology
Dr. BR AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

2021 - 2025   *CGPA: 8.32*

Bachelors in Data Science And Applications(Online)(Foundational Level)
Indian Institute of Technology,Madras

2022 - 2023   *CGPA: 8.1(Exams are conducted at designated computer centres under proper invigilation)*

CBSE Class 12
Swami Sant Dass Public School

2021   *PCM aggregate: 96%*

CBSE Class 10
Swami Sant Dass Public School

2019   *Grade: 98.2% | School Topper*

PERSONAL PROJECTS

Image Super Resolution(Deep Learning-Computer Vision) ↗
- Super resolution of image using opencv and srgan
- Upscaling a low-resolution image into a high resolution image
- Help in medical imagery
- Increases resolution by 35% using lapSRN and 45% using EDSR

HealthyIndia.com(Web development) ↗
- This project was made during the Hackmol 3.0 conducted by NIT Jalandhar and was selected in top 10 projects of fresher's Track
- As we know, many people are following an unhealthy diet routine these days and newer diseases and infections are coming out. In the current time, people are becoming obese and diabetic and their health condition is deteriorating day by day.
- So how to give them the same taste but with more healthier substitutes from anywhere, anytime about which they are unaware till today? Therefore, We are making a website where every person can get a chance to find out substitutes for their unhealthy food.
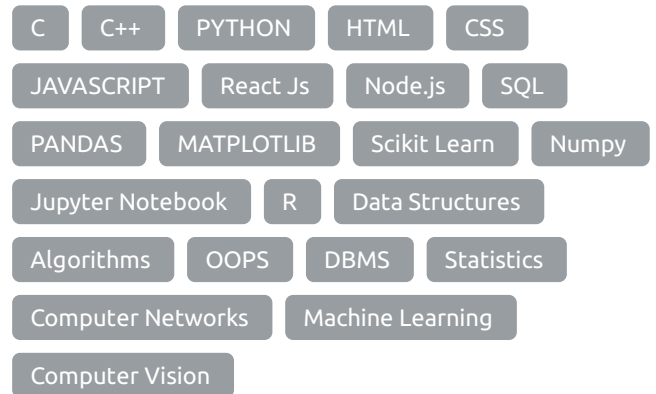- Tech used are HTML, CSS and Javascript

2048 game(Pygame module of python) ↗
- Famous 2048 game made in python with help of pygame module where you play the game with the arrow keys of the keyboard
- Made a proper Screen display for playing the game

Number Guessing game(Simple C language project) ↗
- It is a game where you guess a number and computer generates a random number and if your guessed number is equal to the random number generator, then you win the game

SKILLS

C   C++   PYTHON   HTML   CSS
JAVASCRIPT   React Js   Node.js   SQL
PANDAS   MATPLOTLIB   Scikit Learn   Numpy
Jupyter Notebook   R   Data Structures
Algorithms   OOPS   DBMS   Statistics
Computer Networks   Machine Learning
Computer Vision

ACHIEVEMENTS

Cleared NTSE State Level with State Rank-13 (2019) ↗
13th out of 100K students that gave the Exam

Ranked as top 1% students out of more than 2 Million candidates in JEE Mains and JEE Advanced (2021)
Every Year, 2 Million students give this entrace exam of JEE Mains/Advanced in whole country of India

500+ coding score on GeeksForGeeks ↗

Qualified for Regional Mathematics Olympiad (2020)

Got a chance to represent the school's Maths Model at National Science Exhibition held at Noida,India (2019)

Zonal Rank-3 in NSO (2018)

CERTIFICATES

Hackmol3.0 ↗

Codathon ↗

Completion Of Foundational level of Data Science ↗

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Punjabi
Full Professional Proficiency