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ACADEMIC DETAILS

Examination	Board	Institute	Year	CGPA/%
B. Tech.(mathematics)	IIT Delhi	IIT Delhi	2019-present	9.32/10
Grade 12th	CBSE	Khaitan Public School,Sahibabad	2018-19	96.8
Grade 10th	CBSE	Khaitan Public School,Sahibabad	2018-19	10/10

Scholastic Achievements

- All India Rank 244 in JEE Advanced and 1304 in JEE Main Examination out of over 1 million candidates

- KVPY Scholar awarded to 0.1% students in India

- NTSE Scholar awarded to only 1000 students out of the million who apply

MAJOR PROJECTS

- **Dynamic Memory Allocator** (Course Project)
  (Guide:Prof. Rahul Garg. , Nov '20 - Dec '20)
    - A dynamic memory allocator to model memory allocation using DLL, BST and AVL Tree. .
    - Github: moonstruck1991/Memory-Allocator

- **Characters-and-relationships.** (Course Project)
  (Guide: Prof. Rahul Garg. , Dec'20 - Jan'21)
    - Helps to find average number of associated characters, ranking characters by appearences and number of independent storylines
    - This project is an application of Graph Theory and functions like DFS.
    - Github: moonstruck1991/Characters-and-relationships

- **FoodTracker** (DevClub IITD hackathon)
  (3rd position , Dec '19)
    - The Problem statement was to develop a web/android application using APIs
    - FoodTracker is a web application which helps you track your daily intake of different nutrients in order to control them and help you have a healthy lifestyle.
    - It uses the Nutritionix API to get the nutritional value for the different food you eat during the day
    - Github: webster-781/SERVERMONK

Relevant Courses

- **Mathematics** Discrete Mathematics, Linear algebra and Applications, Calculus, Linear Algebra and Differential equation

- **Computer Science** Data Structure and Algorithms, Introduction to Computer Science

Technical Skills

- **Languages** C++,Python,Java, R, JavaScript,C#

- **Software** Tensorflow(Keras), Unity, Git, Github, AutoCAD, MongoDB, Node.js, Express

INTEREST AND HOBBIES

- Playing Chess,Basketball

- Photography and Film Making