Rohit Raj

ACADEMIC DETAILS

Year	Degree / Board	Institute	GPA / Marks(%)
------	B.Tech in	Indian Institute of Technology, Delhi	7.00
2019	CBSE	Cambridge School,Nalanda,Bihar	96.4
2021	CBSE	Cambridge School,Nalanda,BIhar	93.8

COURSES DONE

Introduction to Computer Science and Programming, Introduction to Calculus, Linear Algebra and Differential Equations, Introduction to Electrical Engg., Electromagnetic waves and Quantum Mechanics,Engineering Mechanics,Engineering visualization ,Data Structure and Algorithm and others.

SCHOLASTIC ACHIEVEMENTS

* **In JEE Advanced:** Secured All India Rank **14080** and in **JEE Mains:** Secured All India Rank **14342** among 1.2 million candidate

PROJECTS

* **Python Interpreter** (February 2022 - March 2022):   Prof. Preeti Ranjan Panda
  * Made the interpreter in Notepad which can perform arithmetic operations.
  * Designed implementation of nested while loop in the interpreter making the application of tasks easier for multiple inputs.
  * Managed all the data with proper garbage collection which was the eminent problem most of us faced in this .

* **CAD Modelling** (Autodesk Inventor)   Prof. Jitendra Prasad Khatai
  * Designed and assembled various engineering components using engineering visualization skills. This included imagination and critical thinking when it came to complex components and structures.

ENACTUS IITD Project

   As the group project we have made startup pitch on organic farming . In this poject we have reserached whole the market size of organic farminig and it's advantage , where it can be done easily and cost of production.
And we won 2nd prize out of more than 200 teams.

DSA Project (snake and ladder game optimization)   Prof keerti chaudhary
* In this project we have made snake and ladder game where we can find minimum number of moves to win game by player.
* And we can also add snake or ladder to find next best optimal moves to win the game.

Othello game intelligent strategy

In this project , we have build minmax algorithm to calculate best move for any player to win the game and we have also returned the whole arraylist of bestmove.

POSITION OF RESPONSIBILITY

* **Marketing Activity head - TRYST 2023 (Technical fest of IITD):** As the Marketing Head of Tryst 2023, IIT Delhi's annual technical festival, I led a team of marketing professionals to plan and execute marketing strategies to promote the event to a wide range of audiences. Through this experience, I gained valuable skills in market research, branding, content creation, social media marketing and event promotion.
* **Activity head- Rendevezous 2023**   As the Activity Head of Rendezvous 2023, I was responsible for leading a team of volunteers in planning and executing a successful event. Through this experience, I gained valuable skills in team management, event planning, and stakeholder communication

 Ofice of carrer service OCS IITD;As the Head Volunteer of the Office of Career Services at IIT Delhi, I communicated with various HR representatives of companies during the placement season to ensure successful placements for students. Through this experience, I gained valuable skills in networking, communication, and relationship building.

 Hostel cricket team captain;
* Through this experience, I gained valuable skills in leadership, teamwork, and communication. I learned how to effectively communicate with team members, motivate and inspire them, and delegate tasks based on their strengths and weaknesses

EXTRA CURRICULAR ACTIVITES

* **Inter-IIT cricket sport 2023:** As i was in the squad of inter iit squad of cricket, i have learned a lot how to perfom good in the pressure and also learned to take quick decison alongwith playing with senior.
* **Inter-hostel cricket captain :** I captained my hostel team for the general championship(gc) in the cricket game . I was the leader of more than 18 player and learned a lot in that process..
* **Stalwarts(debating comp)** : An active debater of my college in my first year who keep indulging in tough debates and performed well in the stalwarts. Have won many debating competitions in School as well.
* **Rendezvous 2022 (Asia's largest Cultural fest)**: In the 2022 rendevezous i was the security head and i was responsible for ensuring the safety and security of all attendees and staff. Through this experience, I gained valuable skills in risk assessment, crisis management, and team coordination

TECHNICAL SKILLS

* Languages: Python, Java
* Software: Autodesk Inventor, Microsoft Office, Canva,Microsoft Excel.
* Problem solving skill as competitive programming.