PRABHSIMAR SINGH TANEJA

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2K18/IT/083

EDUCATION

Name of Course	Year	Institution	Percentage/CGPA
B. Tech, Information Technology	2018-2022	Delhi Technological University	8.58
CBSE (Class XII)	2018	Delhi Public School Mathura Road, Delhi	94.6%
CBSE (Class X)	2016	Delhi Public School Mathura Road, Delhi	10

ACADEMIC PROJECTS

- **HOTEL FINDER AND MANAGEMENT APP:**
  - Developed an Android Application for Booking Rooms for guests and managing hotels for Hotel Owners.
  - The user can keep track of hotel bookings, staff and customers with the help of a Database implemented with a proper schema designed on SQLite and running complex real world queries on hotel management.

- **AIR HOCKEY GAME:**
  - Developed an air hockey game using the PyGame library and implemented the game mechanics and scoring system using efficient Algorithms.
  - The player movement is controlled by object detection on a camera implemented with the help of OpenCV

- **E-COMMERCE PLATFORM:**
  - Developed an E-commerce platform on C++ for Sellers and Buyers using Object Oriented Programming and binary files.
  - Implemented a login page for the user, an interface for sellers to register and add products and then a cart based system for users to buy items from a wide range of categories and with the help of filters.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Codeforces Highest Rating – 1696 (Expert)   Best Official Ranking: 424 (Round #653)
- Codechef Highest Rating – 1950 (4 Star)   Best Global Ranking: 37 (JULY20B)
- Awarded Certificate of Merit for scoring 100% marks in Computer Science Class 12th Board
- Awarded Gold Medal from school for being a scholar for 9 consecutive years

POSITIONS OF RESPONSIBILITY

- Technical Co-Head for Round Table DTU
- Event Head for Code in the Dark – Invictus 2019, Official Techfest of DTU
- Vice President - Mathematics Club of DPS Mathura Road, 2016-17

OTHER INFORMATION

- Skills – C, C++, Python, SQL
- Coursework Completed– OOPs, OS, DBMS, Data Structures, Algorithm Design and Analysis
- Other Courses Completed – Competitive Programming by Coding Blocks
- Profile Links: Codechef   Codeforces   GitHub   LinkedIn

DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.