

RAHUL CHAUHAN

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EDUCATION

Degree	Institute	Score
• Bachelor of Engineering in Computer Science 2019 – 2023	Army Institute of Technology, Pune	9.45 CGPA
• 12 th Grade in CBSE Board 2017	Army Public School Kota	95.8 %
• 10 th Grade in CBSE Board 2015	Army Public School Jaipur	10 CGPA

WORK EXPERIENCE

- **Technical Workshop at Vodafone Idea Foundation:** (09/2021 - 10/2021)
 - Implemented Facial Recognition on Images using OpenCV.
 - Learned Fundamentals of Artificial Intelligence and Machine Learning Algorithms.

PROJECTS

- **Data Security with Color Based Cryptography:** (07/2021 - 09/2021)
 - Implemented IEEE Paper that provides Security to data using Color Codes, Cascaded Cryptography, Mapping Tables, Multi-Threading, File-Handling.
 - Optimized efficiency from $O(n^2)$ to $O(n)$ using Mathematical Formula.
 - Used: Python, Object Oriented Programming, Data Structure, Multi-Threading.
- **Music Player with Mood Detection:** (12/2021 - 02/2022)
 - Designed Web Application that Plays Music by detecting Mood of the User.
 - Detects the mood using a Set of Questionnaire or by Facial Recognition Using OpenCV.
 - Used: Python, Flask, MySQL, HTML, CSS, JavaScript, PHP, Bootstrap.
- **Path Finder:** (10/2021 - 11/2021)
 - Designed Best Path Finder from Source to Target by Avoiding Hurdles using Artificial Intelligence Algorithms.
 - Used: A-Star Search Algorithm, Heuristic Search.

TECHNICAL SKILLS

- **Programming Languages:** C++, PYTHON, JAVASCRIPT.
- **Web Technologies:** HTML, CSS.
- **Frameworks:** FLASK (Back-End).
- **Database Management:** MYSQL, MONGODB.
- **Subjects:** Data Structures and Algorithms (DSA), Object Oriented Programming (OOP), DBMS, Operating System (OS), Computer Networking(CN).

ACHIEVEMENTS

- **1782** Max Rating on **Code Chef** Coding Platform, **1638 Rating within Top 16.74 %** of Leetcode, **6 Star on Hacker rank**, Solved More than 500+ problems on different Coding Platforms.
- **Global Rank: 619** in **Global Credit Suisse** Challenge.
- **Global Rank: 253** in CodeChef November Lunchtime 2020.**Bronze Medal** in HackerRank Hackfest 2020.
- **GeeksforGeeks Certification** on Data Structures and Algorithms.
- **Prime Minister Scholarship** All-India for Scoring Higher Marks and **Merit-based Scholarship** College-Based for Rank under Top 3 for Continuous 3 years.

LEADERSHIP EXPERIENCE

- Joint Secretary of Open-Source Club, Organized INNERVE 4.0 2020 Annual Hackathon.
- Joint Secretary of Coding Club and Technical Board.
- Head Boy of APS KOTA, Managed Debate, Quiz, Sports, Cultural Club.