

RISHABH KUMAR SINGH

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EDUCATION

B.TECH(Computer Engineering)	2020-2022	Delhi Technological University, New Delhi	CGPA: 8.48
BSEB (Class XII)	2020	S.K.R College, Dhoawe	69.2 %
CBSE (Class X)	2017	Radiant International School	70.3 %

ACADEMIC PROJECT

Rubiks Cube Face Reader

- Completely developed a program that takes an input of an image with an orthogonal view of a Rubik's Cube and determines the presence and order of different colored squares(on the face visible) using image processing(OpenCV)
- The Output can be further used to solve a Rubik's cube(incomplete).

Tech Stack: OpenCV, Python, Numpy

Bluetooth Controlled Locker

- Completely developed and assembled a Bluetooth-controlled locker that opens a lock or closes it on receiving specific commands from the user via a Bluetooth device (smartphone, etc).
- This locker also has a unique feature that alerts the user if they have left the locker open and moved away from it.

Tech Stack: Arduino IDE, C++, Arduino UNO, Sensors

ACADEMIC ACHIEVEMENTS AND AWARDS

- **JEE MAINS 2020:** Achieved All India Rank 1756 (99.85 percentile) in JEE Mains among 6,00,000 candidates.
- **LeetCode:** Solved 250+ problems on the platform.
- **Codeforces:** Max rating 2295.
- **Codeforces:** Achieved World Rank of 2844 in Codeforces round #752 among 25000 participants.
- **Hackerrank:** Achieved a Gold Badge (6 stars) in problem-solving on Hackerrank after solving 110+ problems.

TECHNICAL SKILLS

- **Strong:** C++, HTML, CSS, JavaScript.
- **Intermediate:** ReactJS, MongoDB.
- **Beginner:** Python, Deep Learning.

OTHER INFORMATION

- GitHub Profile. <https://github.com/rissabh>
- LinkedIn Profile. www.linkedin.com/in/rishabhkumarsingh361
- LeetCode Profile. <https://leetcode.com/rissabh361/>