

Shubham Rajput

B.Tech – Mechatronics

H.No.-86, Village – Tigipur, North Delhi, Delhi – 110036

☎ (+91) 9354416042 | ✉ shubham2385rajput@gmail.com | 📷 [ShubhamRajput](#) | 📍 [Shubham0Rajput](#)

Summary

I am presently pursuing Bachelor of Technology in Mechatronics at the Delhi Institute of Tool Engineering. Currently in my last year of graduation, during which I focused on real-world issues and how to solve them, as well as my interest for learning about new technologies. Having a proclivity for experimenting with new technologies.

Education

Degree/Certificate	Institute	University / Board	CGPA / Percentage	Year
Bachelor of Technology	Delhi Skill and Entrepreneurship University (Formally Delhi Institute of tool Engineering)	Guru Gobind Singh Indraprastha University	8.1	2018 – Pursuing
Higher Secondary Certificate	Jain Bharati Mrigavati Vidyalaya	Central Board of Secondary Education	77.4	2017-2018
Secondary School Certificate	Jain Bharati Mrigavati Vidyalaya	Central Board of Secondary Education	9.4	2015-2016

Work Experience

Council of Scientific & Industrial Research (CSIR-NPL) – Research Intern

July, 2021 – September, 2021

- An Expository Study on Hardness Measurements and its Applications.
- Work on different machines for the measurement of hardness of materials.
- Different scale definition for measurement.

Projects

Advanced Intrusion detection system

[\(GitHub\)](#)

- This project is add-on to current CCTV system, providing alert and detection of face of any intruder.
- Works in real world providing warning in real time.
- Use of Telegram API, Face_Recognition Lib, OpenCV.

Delhi, India

2021-2022

Rclone Telegram Bot

[\(GitHub\)](#)

- Project is integration of Rclone to Telegram with help of Telegram API.
- Perform all Rclone task from remote location without need of specific system.

Delhi, India

2021

Pytesseract OCR

[\(GitHub\)](#)

- Optical Character Recognition with Tesseract Lib.
- Can detect word, letter, numeric value and some special characters.

Delhi, India

2020

Image Detection with YOLO

[\(GitHub\)](#)

- YOLO an open-source library which help in detection of objects and creates light weight models for detection.
- Considered one of the fastest methods to detection, in this multiple models and detection were performed in real world situation

Delhi, India

2020

Certification

2019 **Machine Learning Workshop**, IIT Roorkee

IIT Roorkee

2022 **Employability Skill Development Training Programme**, Mahindra Pride

Online

Skills

Programming Python, C++, Java

Tools Git/Github

Libraries Tensorflow, Pytorch, Opencv, Matplotlib, Numpy

Languages English, Hindi