

# Raghav Singh

Student (Fresher)

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## EDUCATION

University Institute of Engineering and Technology, Kanpur- Bachelor's of Technology, Computer Science Engineering  
AUGUST 2017 – SEPTEMBER 2021  
CPI - 7.22/10

St. Mary's Convent Sr. Sec. School, Gajraula (Amroha) — 12th  
APRIL 2016 – MARCH 2017  
Score: 74.8%

St. Mary's Convent Sr. Sec. School, Gajraula (Amroha) — 10th  
APRIL 2014 – MARCH 2015  
Score: 7.8 (CGPA)

## CERTIFICATIONS & TRAINING

### Internshala Summer Training – July 2020

A six week summer training on *Programming with Python* which consisted Programming Concepts, Connecting to SQLite Database, Developing a GUI with PyQT.

### IBM Certification – June 2020

This was the certification course by IBM through Coursera on *Databases and SQL for Data Science* which helped in understanding the concept of databases for Data Science.

### WAC Ethical Hacking – September 2018

It was the two days workshop organized by What After College (WAC) at DTU, New Delhi where they taught us about basics of Ethical Hacking and cyber security.

## PROJECTS

### BEING—R (Major)

*Biological Equivalent Intelligence Naive Generation – Rover.*

This is a robotic project. BEING-R is an autonomous rover which can perform various tasks similar to human activities such as Weather Prediction, Detect its source of power (i.e; Sunlight), Target Detection. Skills used for these modules are Arduino Programming, Python, OpenCV, Machine Learning.

Links: [Github Link](#)

### Criminal Record Management System (Minor)

Objective of this project is to managing the report of criminals of specified area. This project was developed by using “LAMP” stack i.e; (Linux, Apache Server, MySQL, PHP.)

Link: [Github Link](#)

## COMPUTER 1& 2

Hardcoded Architecture & ROM based architecture of 8-Bit Microprocessor. *Logisim* used as simulation software. Link: [Github Link](#)

## EXTRA CURRICULAR ACTIVITIES

### Sports

Captain of Basketball Team that participated in *TECHNOSPANDAN* 2018, UIET, Kanpur.  
Captain of Basketball Team that participated in Inter School FSLG 2016 and FSLG 2017, St. Mary's Convent Senior Secondary School, Gajraula (U.P).

## COMPETITIVE PROGRAMMING

Codechef: [raghu\\_11](#) (3<sup>\*</sup>, Max Rating: 1600)

Hackerrank: [raghu\\_14](#) (5<sup>\*</sup> in C++)

Leetcode: [raghu\\_11](#)

## SKILLS

Data Structures and Algorithms  
Database management  
Web Development  
Object Oriented Programming  
Functional Programming

## LANGUAGES, TOOLS, LIBRARIES AND FRAMEWORKS

C++ ( Proficient ), C (Good)  
Python (Good)  
HTML5, CSS3, JavaScript, Bootstrap  
Apache Server (Good)  
MySQL (Proficient)

## SOCIALS

LinkedIn: [Raghav Singh](#)  
Github: [raghavsingh14](#)