Akash **Singh**

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Edu**cation**

Indian Institute of Information Technology Allahabad   *UP, India*
B.Tech-M.Tech Dual Degree in IT   *2017 - 2022*
- CGPA : 7.44/10

Kendriya Vidyalaya AFS Bamrauli, Allahabad   *UP, India*
Senior Secondary School Examination (C.B.S.E)   *2015 - 2016*
- Percentage : 74.3%

Kendriya Vidyalaya AFS Bamrauli, Allahabad   *UP, India*
High School (C.B.S.E)   *2013 - 2014*
- CGPA : 8.8

Ski**lls & Interests**

OS	Windows, Ubuntu/Linux
Languages	Java, C, Python
Database	MySQL
Activities	Coding, playing games, Badminton.

Cou**rsework**

Object Oriented Methodologies
Data Structures and Algorithm
Introduction to Database Management
Operating System

Pro**jects**

Emotion Detection Through Facial Feature Recognition   *IIIT Allahabad*
Image Processing and deep learning
- Real time facial emotion detection.
- Used openCV, deep learning and image classification.

Hotel Management System   *IIIT Allahabad*
Database Management
- The project,is a desktop-based application that allows the hotel manager to handle all hotel activities online.
- Used java swing for graphics programming, MySQL for database backend.

SIR Model for COVID-19 Prediction of India   *IIIT Allahabad*
Data Analysis
- The SIR model (Susceptible-Infection-Recovered) used as a context for examining the nature of the pandemic.
- Used SIR ODEs to build model using MATLAB.

Mobile Recommendation System   *IIIT Allahabad*
Artificial Intelligence (A.I.) Project
- Designed a Python GUI for mobile phone recommendation system
- Used ML algorithm (KNN), Tkinter for GUI, MySQL for the backend database