

ARJUN YADAV

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📍Babrara,Uttar Pradesh,India

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EDUCATION

B.TECH (INFORMATION TECHNOLOGY)

Indian Institute of Information Technology, Allahabad

📅 July 2021 - Present 📍 Allahabad, Uttar Pradesh, India

- CGPA: 7
- Expertise in C++ Programming and UI/UX development.
- Completed professional development in Data Structure and algorithms, Operating Systems, and Object-oriented modeling.
- Expertise in Python Programming and Django.
- Presented projects (related to machine learning) in many Hackathons.

SENIOR SECONDARY(XII)

DAV Fertilizers Public School, Babrara

📅 2020 - 2021 📍 Babrara,Uttar Pradesh,India

- Percentage: 92.6 %
- Awarded with Overall Scholar Award for scoring 90+ in all subjects and scoring a total of 92.6% in CBSE board exams
- Senior Member of Student Council.
- Completed professional development in Computer Science.

SECONDARY(X)

DAV Fertilizers Public School, Babrara

📅 2018 - 2019 📍 Babrara,Uttar Pradesh,India

- Percentage: 94.6 %
- Awarded with the Overall Scholar Award. Received 3 awards and scored 94.6% in CBSE
- Received Awards for qualifying NTSE.
- Junior Member of the Student's Council.

SKILLS

PYTHON

C/C++

JAVA/JASCRIP

DJANGO

UI DESIGN

BACKEND DEV

MACHINE LEARNING

MySql DATABASE

TENSORFLOW

LINUX

PROJECTS

Student Engagement Detection in E-learning Environments

📅 Feb 2022 - Apr 2022

- Developed a python application to calculate a student's engagement level using his facial expressions and head movement.
- Achieved total accuracy of 75-80% in detecting students' engagement level.
- Tech used: Python, OpenCV, Deep-Learning

Real-Time Face Mask Detection

📅 Sept 2021 - Nov 2021

- Developed a python application to detect whether a per-son is wearing a mask or not in real-time.
- Achieved total accuracy of 85%.
- Tech used: Python, Keras, OpenCV

File Management System | JAVAProgramming | UI Design

📅 Nov 2022 - Dec 2022

- This project was based on file management system, the whole programming was done in Java programming language.
- The whole UI was developed in Java. The project aimed at the implementation of knowledge related to programming a UI using Java Swing.
- The project was finalized with UML,Class Digram,UseCase
- Digram
- Tech used: Java Swing

ECHO (A MACHINE-HUMAN INTERACTION) | PYTHON3 | HEADOUT | OCTOBER 13,2022

📅 Oct 13 - Oct 15, 2022

- In a Hackathon conducted by Headout dated Oct12,2022. I developed a program which aimed at allowing the user to interact with the machine (aim is to build a machine model with involvement or robotics) the program was based on talkback feature.
- Additional security features like face verification and otp verification were also implemented.
- program had the full access of the system and hence and send mails and set reminders, the program was also capable to open or install an application, play music, and do normal conversation with the user.
- Some modules like face recognition, pytsx3 and tkinter was also used.

RELEVANT COURSEWORK

- Data Structure and Algorithm
- Operating System
- Object Oriented Methodologies
- Machine and Deep learning.
- Database Management System