

Awwab Siddiqui



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<https://awwabsiddiqui.github.io/websites/>

Skills

- Python (Pandas/ Numpy / Matplotlib / OpenCV / Pillow / SKLearn)/ AI Basics/ OpenCV Basics/ML techniques Basics.
- Core Java (Data Structures)
- MySQL (Workbench 8.0 & Google BigQuery)
- Basic Web Development
{HTML/CSS/JavaScript/Bootstrap/Django/Flask}
- Android SDK (Java oriented)
- C++ (Basics)
- Machine Learning (Python Oriented)
- Arduino programming (IoT)

Projects

Attendance Monitoring System using ML/CV

Successfully made an automated attendance registering system with facial & voice input parameters.

{Numpy,OpenCV , Fce-rec,Dlib,Voice-rec}

Automatic Resize Image & push to AWS Cloud Bucket

Successfully made a system to crop input images dataset to required resolutions and then push to AWS cloud bucket using Pillow OR OpenCV
{OpenCV/Pillow , AWSCLI ,Boto3,Flask,Numpy,}

Covid Vaccine Requirement Deficiency Predictor & House Rent Prediction using ML Techniques

Successfully made an Covid Vaccine Requirement Deficiency Predictor
Successfully made a system to read input parameters and weights along with configs to train & implement a prediction model with highest accuracy.{Numpy,Pandas , Matplotlib,Scipy,Sklearn}

Digit Reading using ML

Successfully made a program to identify input virtual digits..
{Numpy,Pandas , Scipy,Sklearn,pygame}

Facial Landmarks /Fingers reader using Computer Vision

Successfully made a system to show all 128 Facial landmark features and fingers reader.
{Numpy,OpenCV , MediaPipe}

Object Detection , Virtual Mouse/Volume Control using

Gestures using OpenCV

Successfully made a program implement object detection , mouse control and volume control using specified hand gestures.
{Numpy,Mediapipe,Inference,scipyOpenCV}

BT Controlled Boat using Arduino Nano IoT

Successfully made a multi-propellor boat using Arduino Coding with On-Point Rotation function..
{Arduino nano , Arduino IDE,Other IoT components}

Education

Delhi Technical Campus , GGSIPU

Bachelor of Technology - BTech, Computer Science & Engineering
{ CGPA → 8.2 / 10 } [2018 – 2022]

Class XII, CBSE

Physics , Chemistry , Mathematics , Biology , English.
{ Percentile → PCMBE: 82.2% || PCM : 88.3% }

Class X, ICSE

English , Maths , Science(Physics , Chemistry , Biology) , Computers
Hindi , Social Studies.
{ Percentile → 83% }

Certifications & Achievements

Certificates

GOOGLE Data Analytics-{[Coursera](#)}{[Credly](#)}
Python Data Science {[CodingBlocks](#)}
PROGATE PYTHON – Progate
Python - CETPA Infotech Pvt. ltd.
ARTIFICIAL INTELLIGENCE - Dell Technologies 38966
OVERVIEW SAP SuccessFactor/ S4 HANA - BhuZion Innovations
Lab Limited L.P.
Artificial intelligence - WhiteHat Jr
Digital Threat And CyberSecurity - Secuneus Technologies
IOT Arduino - Udemy

Achievements

Gold medal in National English Olympiad
MUN {Model United Nations} participant

