

Awwab Siddiqui



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

Skills

- Python
- Core Java
- MySQL (Workbench 8.0 & Google BigQuery)
- Basic Web Development
{HTML/CSS/JavaScript/Bootstrap/Django/Flask}
- Android SDK (Java oriented)
- C++
- Machine Learning (Python Oriented)
- R (R studio)
- Arduino programming (IoT)

Projects

Attendance Monitoring System using ML/CV

Successfully made an automated attendance registering system with facial & voice input parameters and online data publishing.

{Numpy ,Pandas, OpenCV , Face-rec , Dlib , Voice-rec , Pickle}

JSON to Database & Vice-versa (Java Program)

Successfully made a Java program to transfer JSON data to SQL Database and vice-versa with SOLID principles.

{Json-simple , JUnit , Json-parser }

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 a system to read input parameters and weights along with configs to train & implement a prediction model with highest accuracy.

{Numpy , 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 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.
{ Percentage → PCM BE: 82.2% || PCM → 88.3% }

Class X, ICSE

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

Certifications & Achievements

Certificates

GOOGLE Data Analytics - {[Coursera](#)} {[Credly](#)}

Python Data Science {[CodingBlocks](#)}

AWS Machine Learning {[Udacity](#)}

IBM Data Science {[IBM/Coursera](#)}

ARTIFICIAL INTELLIGENCE - {Dell Technologies 38966}

OVERVIEW SAP SuccessFactor/ S4 HANA - BhuZion Innovations Lab Limited L.P.

PROGATE PYTHON - {Progate}

Python - CETPA Infotech Pvt. ltd.

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