

# 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}

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## **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% }

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## **Certifications & Achievements**

### **Certificates**

DATA ANALYTICS- Coursera → {[1](#) [2](#) [3](#) [4](#) [5](#) [6](#)}

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

