**HASSAN ABDUL BASIT**

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**Objective**

Seeking a challenging position in a reputed organization where I can learn new skills, expand my knowledge, and leverage my learnings.

**Academic Qualifications**

**BSc. Mechatronics and Control Engineering** Oct. 2018 - May 2022

CGPA: 3.01/ 4

University of Engineering and Technology, Lahore

**Projects**

**Weapon Detection** **in Real-Time** **Surveillance Videos (FYP)**

Create a software that detects an unauthorised individual holding a weapon in a live surveillance video stream utilising the well-known object detection YOLO Algorithm, hence aiding in video surveillance.

**Facial Recognition System**

Develop a facial Recognition system using Dlib library

**Business Portfolio Website**

Make a business portfolio website for advertising company using Django Framework

**Sudoku Game in Python**

Make a sudoku game as semester project to build up python programming skills

**Home automation system using Arduino**

Make a home automation system in which one can control the home appliances through mobile

**Skills & Knowledge**

* **Knowledge**  Programming, Web Development, Machine Learning, Computer Vision,
* **Programming Languages** Python, HTML, CSS, SQL, Django ORM
* **Libraries& Framework** Django, NumPy, pandas, matplotlib, Skicit-learn, TensorFlow, Keras
* **General**  Microsoft Office

**Certificates**

* Machine Learning by Andrew Ng (Coursera)
* Django For Everybody by Dr. Chuck (Coursera)
* Introduction to Machine Learning (from Kaggle)
* Introduction to TensorFlow for Machine Learning (Coursera)

**Interest**

* Web Development
* Deep Learning