

# AURANG ZAIB YOUNIS VIRK

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Dedicated to find a job that will allow me to put my academic knowledge to good use, where I can learn new skills, expand my knowledge, and leverage my learnings.

## ACADEMIC QUALIFICATIONS

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**BSc Mechatronics and Control Engineering** (3.48/4)

October 2018 to 2022

University of Engineering and Technology, Lahore

**FSc. Pre-Engineering** (990/1100)

April 2016 to April 2018

Superior College, Pasrur

## PROJECTS

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### 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

### Social BOOK Website

Make a social book website for simple posts using Django Framework

### Game in Python

Make a Checker, Chess, and Tetris games to build up python programming skills

### Projects using Arduino

Make electric dice, control stepper motor and home automation system using Arduino.

## SKILLS & KNOWLEDGE

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|-----------------------------------|--|
| • <b>Knowledge</b>                | Programming, Web Development, Machine Learning, Computer Vision,   |
| • <b>Programming Languages</b>    | Python, HTML, CSS, SQL, Django                                     |
| • <b>Libraries&amp; Framework</b> | Django, NumPy, pandas, matplotlib, Skicit-learn, TensorFlow, Keras |
| • <b>General</b>                  | Microsoft Office, Leadership, project management, team work        |

## CERTIFICATES

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- Machine Learning by Andrew Ng (Coursera)
- Django For Everybody from freeCodeCamp.org
- Introduction to TensorFlow for Machine Learning (Coursera)
- Mechatronics Club member
- Kaar e Kamal Welfare Society

## INTEREST

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- Web Development
- Deep Learning
- Football