MUHAMMAD MURTAZA

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PERSONAL STATEMENT

In-depth proficiency with new technology trends. Creative problem-solving and solution-oriented work style. Have sound knowledge and control over IT and development tools. Self-innovative, having strong will power & confidence to meet all ever-changing situations and challenges.

EDUCATION

IMSCIENCE PESHAWAR
MSCS (Computer Science)
2020–2022

ISLAMIA COLLEGE PESHAWAR
MSc (Computer Science)
2017–2019

UNIVERSITY OF PESHAWAR
BSc (Computer Science)
2015–2017

W.F.G. SCHOOL AND COLLEGE HAYATABAD PESHAWAR
HSSC (Pre-Engineering)
2012–2014

W.F.G. SCHOOL NO.2 PESHAWAR
SSC (Science)
2010–2012

EXPERIENCE

Program Manager   Oct 2022 – Current
Institute of Regional Studies Peshawar
- Organizing, planning, scheduling, reporting, proposal writing, and report writing.
- Coordinate cross-project activities.
- I have to deal over all office activities.

AI Machine & Deep Learning Engineer (Level 1 Seller)   Dec 2022 – Current
Fiverr
- Specializing in Computer Vision, Face Recognition, and Object Detection.
- Extensive experience in CNN, YOLO model development, fine-tuning, and optimization for various applications, achieving high levels of accuracy and real-time performance.
- Accomplished in creating robust object detection pipelines for identifying and tracking objects in images and videos, contributing to enhanced security and surveillance systems.
- Proficient in TensorFlow, PyTorch, and Keras, with a deep understanding of neural network architectures and transfer learning techniques.

Lecturer Computer Science   1st Oct 2019 – 31st Dec 2020
NCS University System
- Communicated frequently with students and faculty to provide feedback and discuss instructional strategies.
- Worked cooperatively with other teachers, administrators, and parents to help students reach learning objectives.
- Office work management letter writing and application etc.

ACADEMIC EXPERIENCE

❖ **Speech Emotions Recognition**

Research-based work, Analysis of speech for emotions recognition using deep learning approach. In my work, I obtained 85.01% and 92.02% recognition results. The experimental results demonstrated that the proposed CNN-based SER system can achieve a better recognition performance than the other SER systems.

❖ **Smart Door Unlock by Face Recognition (Python & Raspberry Pi) – FYP**

A smart door unlock system was designed as our final year project. In this project, Python and Open CV library was utilized to detect and recognize images from a distance. The face of the subject can be recognized without knowing that he's been observed.

❖ **Sarhad University web (Dream Viewer)**

A Semester Base Project to design the front end of the website

❖ **Object Detection using the Yolov3/Yolov7 Model**
Utilized the pre-trained Yolo version 3 model to detect 80 distinct objects, Yolo is a real-time object detection algorithm that identifies specific objects in videos, live feeds, or images.

❖ **Measure Your Heart Rate Using Your Webcam**
This project can monitor a user's heart rate in real-time using just a webcam. It is a PPG (Photoplethysmogram) solution based on a color magnification algorithm which makes it possible to see the color of your face change as blood rushes in and out of your head

CERTIFICATIONS

❖ **Google IT Support Professional Certificate**   May 2022 – July 2022
Technical Support Fundamentals: Learning about the different facets of Information Technology, like computer hardware, switches, core switches, hubs, the Internet, firewall, SFP, Ethernet Patch cord, POE devices and non-POE, Computer software, troubleshooting, configuration, and customer service.

❖ **AMAL CAREER-PREP FELLOWSHIP**   July 2020 – OCT 2020
A 3-month fellowship program focusing on career and professional development
Course Content: Time Management; Teamwork; Self Improvement; Communications.

❖ **INTERNET OF THINGS**   June 2020 – July 2020
Received Certificate from Coursera in IOT, where I gain knowledge about embedded systems as well as a microcontroller

❖ **ICUTEC-18**   9 Jan 2019
Received ICUTEC-18 Appreciation Certificate from Islamia College Peshawar

TECHNICAL SKILLS

❖ **Technical IT Skill:** Up to date on Technological understanding**,** Software Troubleshooting & Problem Solving, Phone & Email Technical Support, Communication & Interpersonal Skills, Software Installation, and Client Communication.

❖ **Programming Tools:** C/C++, JAVA, Adobe Dreamweaver/Net Beans (HTML, PHP, CSS, MySQL, jQuery, JavaScript), Python.

❖ **Operating Systems:** Windows, Linux (Ubuntu), Mac.

❖ **Engineering tools:** MATLAB.

❖ **Office Suite:** MS Office, MS Word, PowerPoints, Excel

❖ **Graphics Tools:** Adobe Photoshop, MS-Paint

ADDITIONAL INFORMATION

Hobbies
➢ Fitness
➢ Video Editing
➢ Traveling
➢ Photography

Languages
➢ English
➢ Urdu
➢ Pashto