



Awais Ahmad

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Gender: Male **Date of birth:** 22 Oct 1999 **Nationality:** Pakistani

WORK EXPERIENCE

[Apr 2024 – Current] **High School Teacher**

Barani Public Secondary School

City: Taxila

[Aug 2023 – Dec 2024] **Frontend Web Development**

Throne Engineer

Address: 128 CITY ROAD LONDON, London, United Kingdom

EDUCATION AND TRAINING

[20 Feb 2024 – Current] **Master of Science in Computer Science**

Comsats University Islamabad, Wah Campus <https://www.cuiwah.edu.pk/>

City: Wah | **Country:** Pakistan | **Field(s) of study:** Information and Communication Technologies

[1 Sep 2019 – 30 Jun 2023] **Bachelor of Science in Computer Science**

Hazara University Mansehra <https://www.hu.edu.pk/>

City: Mansehra | **Country:** Pakistan | **Field(s) of study:** Information and Communication Technologies | **Thesis:** Deepfake Video Detection Using Deep Learning

[15 Mar 2023] **Training Session on AI, Cloud Computing, and Networking**

CORVIT Peshawar <https://corvitpeshawar.com/>

City: Mansehra | **Country:** Pakistan

[2016 – 2018] **Diploma of Information Technology**

Khyber Pakhtunkhwa Board of Technical Education Peshawar <https://www.kpbte.edu.pk/>

City: Peshawar | **Country:** Pakistan | **Field(s) of study:** Information and Communication Technologies

DIGITAL SKILLS

My Digital Skills

Web Design & Web Development | Mobile App Development | C/C++ | Python | MySQL | Cisco | MS Office (MS Word, MS PowerPoint, MS Excel, MS) | Arduino CC | Blender 3D (Graphics & Animation) | VMware Workstation Operator | Blogging | Content Creator | Graphic Designing | • Search Engine Optimization

PROJECTS

[25 Jan 2023 – 8 Jun 2023] **Deepfake Video Detection Using Deep Learning (FYP)**

Deepfake videos are very realistic digital manipulations that use deep learning algorithms, to alter or replace the appearance and actions of individual in videos. Deepfake videos are produced by training deep learning models, often using GANs, on existing datasets.

This project aims to distinguish AI-generated fake (Deepfakes) videos from real ones. By comparing faces areas and surroundings in video frames, extracted features from ResNext (CNN), and capturing temporal inconsistencies with LSTM, our method can identify such artifacts introduced during DeepFake reconstruction. The ResNext CNN model is trained using a simplified process that involves directly simulating resolution inconsistency in affine face wrapping.

[1 Jun 2022 – 30 Jun 2022] **Smart Parking System Using IOT**

Nowadays the problems associated with vehicles parking are increasing day by day. People in densely populated areas are usually facing issue of finding space for parking.

This project helps the drivers to park their vehicles with minimum wastage of time with accurate information of the availability of the space to park.

It includes an Arduino Uno as the microcontroller unit, to which the servo motors, LCD display Infrared sensors are interfaced. The LCD displays the availability of the space, the Infrared sensors keeps the check of the number of cars entering and exiting the parking space. The Infrared sensors detect the availability of the parking space.

[Sep 2022 – Sep 2022] **Educational Blogging Website**

I developed an educational blogging website for learning purpose (educational blogs are uploaded). Website is developed with simple UI (User Interface).

User can Signup/Register for first time as well as visit the site as guest, read the blogs, can comment and feedback on website.

Website is developed and designed in HTML, CSS and JavaScript.

[Jun 2022 – Jun 2022] **Campus Network Connection With Packet Tracer**

I connected different blocks and buildings (departments and hostel) of the campus with Cisco Packet Tracer. In this project, I used different and multiple switches to connect routers and servers with one main Router; and also connected end devices with routers through wireless connection.

[Jul 2020 – Jul 2020] **Students Database in C++**

I developed the student database by using C++ programming language to store the data of the students (Students ID / Rollno, Name and GPA). This database have capacity to store the data of 10 students.

COURSES

Online Courses

1. ISC2 Cyber Security
2. Cyber Security by Hashoo Foundation
3. Entrepreneurship by Hashoo Foundation
4. Data Science by Jawan Pakistan

CONFERENCES AND SEMINARS

[13 May 2022 – 15 May 2022] **Future Fest Summit 2022** Islamabad, Pakistan

[28 Oct 2022 – 30 Oct 2022] **Matrix Tech Summit 2022** Mansehra, Pakistan

[12 Jan 2023] **Metaverse and Web 3.0** Hazara University Mansehra, Pakistan

[19 Dec 2023] **How to build your career in AI** Online (Webinar)

[20 Jul 2022]

Raspberry Pi in Education: An Overview Hazara University Mansehra, Pakistan

HONOURS AND AWARDS

[22 Sep 2022]

Third position in National Essay Writing Competition - Awarding institution: Youth For Pakistan

LANGUAGE SKILLS

Mother tongue(s): Pashto

Other language(s):

Urdu

LISTENING C2 READING C1 WRITING C2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION C1

English

LISTENING B2 READING C1 WRITING B2

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user