



## USMAN NAWAZ

**Nationality:** Pakistani    **Gender:** Male

✉ **Email address:** [usman.nawaz@unipa.it](mailto:usman.nawaz@unipa.it)

📍 **Work:** Building 6, University Of Palermo, Palermo (Italy)

### EDUCATION AND TRAINING

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#### **Doctor of Philosophy (Ph.D) In Information and Communication Technologies**

*University Of Palermo, Italy* [ 01/04/2023 – Current ]

City: Palermo

Country: Italy

Field(s) of study: Natural Language Processing

#### **Master of Philosophy In Computer Science**

*Lahore Leads University* [ 15/11/2020 – 15/06/2022 ]

Address: Lahore, (Pakistan)

**Thesis:** Neural Voice Cloning With Audio Samples

**Short Description:** Voice cloning is the artificial replication of a certain human voice. We study several deep learning approaches for voice cloning and offer a cloning system that creates natural-sounding audio samples from only just few seconds of source speech from the target speaker.

**Supervisor:** Mr. Usman Ahmed Raza

**Co-Supervisor:** Dr.Faisal Rehman

#### **Bachelor Of Science In Software Engineering**

*University Of Gujrat* [ 31/08/2012 – 01/09/2016 ]

City: Gujrat

Country: Pakistan

**Final Year Project:** Servis Sale Point Cloud System

**Short Description:**The system is a hybrid cloud system, owner can use this system for both feature offline and online. System is independent which is accessible through web and desktop application data is auto-synced upon re-connection. It is providing a good and attractive interface. The system have many functionalities where daily sales, stock information, Daily reports provided. No chance of data loss because all data stored in cloud. Owner can monitor his shop if he is away from his shop and he can access his shop from all over the world.

**Supervisor:** Mr. Zaigham Abbas

### WORK EXPERIENCE

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#### **Visiting Lecturer Information Technology**

*University Of Gujrat* [ 21/11/2022 – 28/02/2023 ]

City: Gujrat

Country: Pakistan

Name of unit or department: Information Technology

Responsibilities

- Planning lessons and activities that facilitate students' acquisition of basic and advanced computer skills.
- Instructing in a manner that develops students' confidence in their abilities.
- Observing and managing classroom dynamics.
- Invigilating and grading projects, quizzes, and examinations.
- Tracking and communicating students' advancement throughout the course.

- Downloading important software updates and maintaining hardware.
- Attending parent-teacher and faculty conferences.

### **Computer Teacher**

**Aspire Group of Colleges** [ 01/07/2018 – 01/10/2020 ]

City: Gujranwala

Country: Pakistan

Responsibilities

- Planning lessons and activities that facilitate students' acquisition of basic and advanced computer skills.
- Instructing in a manner that develops students' confidence in their abilities.
- Observing and managing classroom dynamics.

### **PM Youth Internship**

**Govt Of Pakistan** [ 01/08/2017 – 01/05/2018 ]

City: Gujrat

Country: Pakistan

Office related work like file management and record maintenance in computer section.

### **Computer teacher**

**Al-Farabi Group Of Schools** [ 01/08/2016 – 01/07/2017 ]

City: Gujranwala

Country: Pakistan

Teaching Computer subject to 9th and 10th class for BISE Examinations.

## **LANGUAGE SKILLS**

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Mother tongue(s): **Panjabi; Punjabi**

**Other language(s):**

#### **English**

**LISTENING B2 READING C1 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

#### **Urdu**

**LISTENING C2 READING C2 WRITING C2**

**SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2**

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

## **DIGITAL SKILLS**

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C,C#,C++ / Microsoft ASP.NET (Basic) / Basic knowledge of HTML, CSS, PHP, Matlab / Machine Learning / Natural Language Processing(NLP)

## **RESEARCH PUBLICATIONS**

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### **A Survey-Sentimental Analysis on Product Reviews Using (MLT) Machine Learning Techniques and Approaches**

Published in Vol 10 No 2 (2021)- International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) - ISSN 2278 – 3091

### **A Survey- Present Movement On Multi-Cloud Computing Security Issues**

Published in open access International Journal of Scientific & Technology Research (IJSTR) Volume 10 - Issue 4, April 2021 Edition.

## **Virtualization Security in Cloud Computing- A Survey**

Published in (2021) Vol. 10 No 3 of International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) - ISSN 2278 – 3091

## **Predictive modeling to Study Lung Cancer Metastasis**

Published in (2021) Vol. 10 No 3 of International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) - ISSN 2278 – 3091

### **RECOMMENDATIONS**

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#### **Associate Professor**

**Name:** Dr Faisal Rehman

**Email:** [faisalrehman0003@gmail.com](mailto:faisalrehman0003@gmail.com)

Department Of Computer Science,  
Lahore Leads University, Lahore, Pakistan

#### **Assistant Professor**

**Name:** Dr Muhammad Hasnain

**Email:** [drhasnain.it@leads.edu.pk](mailto:drhasnain.it@leads.edu.pk)

Department Of Information Technology,  
Lahore Leads University, Pakistan

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