ABDUL REHMAN

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🔗 linkedin.com/in/abdul-rehman-079348122

D.O.B 01 June 1988 **Gender**: Male

Nationality: Pakistani   **CNIC#**34201-7801677-1   **Passport#**: AG3996773   **Status**: Married   **Children:** 2

QUALIFICATIONS

MS DATA SCIENCE CGPA 3.06/4.00
Information Technology University (ITU), Lahore, Pakistan
09/2020-12/2023
MSc TELECOMMUNICATION AND NETWORKS CGPA 3.44/4.00
University Of Engineering and Technology (UET), Lahore, Pakistan
01/2016-11/2019
BS TELECOMMUNICATION CGPA 3.63/4.00
The Superior College, Lahore, Pakistan
09/2011-12/2015
DIPLOMA OF ASSOCIATE ENGINEERING Grade B
Faran Institute of Technology, Gujrat, Pakistan
08/2005-08/2008

DESIGN PROJECT AND THESIS

MS Data Science Thesis Title: Joint Stream: Malignant Region Learning for Breast Cancer Diagnoses
MSc Telecommunication and Networks Design Project Title: A Smart city Model Network Architecture using Fog and Aura Computing
BSc Project Title: Voice Recognition wireless home Automation System using Zigbee Module

MS DATA SCIENCE COURSE PROJECTS

- **Machine Learning:** Effectiveness of cross-data evaluation on colorectal polyp segmentation (12/2021-02/2022)
- **Medical Image Computing:** Grading of colorectal cancer histology H&E images (12/2021-02/2022)
- **Research Methodology:** A survey report of image-to-image translation generative adversarial networks architecture (04/2021-06/2021)
- **Deep Learning:** To investigate the contrastive learning approaches for the unpaired image-to-image transformation (04/2021-06/2021)
- **Big Data:** Aircraft flight delay and cancelation reporting by using AWS BI and ML tools (04/2021-06/2021)
- **Statistical and Mathematical Methods for Data Analysis:** To determine the association between contributing risk factors of colon cancer such as obesity, lifestyle, and addiction (12/2020-02/2021)
- **Tools and Techniques for Data Sciences:** Energy consumption prediction of home appliances according to various factors (12/2020-02/2021)
- **Information Retrieval and Text Mining:** A review and evaluation of the state-of-the-art hybrid recommendation models (12/2020-02/2021)

WORK EXPERIENCE

- **Assistant Principal, Lecturer, Head of IT (08/2016-11/2021)**
  Ghazali Premier College, Lahore, Pakistan
  Professional level coordinator, inter-level teaching (mathematics, physics, and computer science), lab supervisor, learning management, system handling, and web designing, maintaining the discipline in academic and hostel blocks, establishing the examination schedule, and hosting and arranging fundraising events.
- **Junior Satellite Engineer (01/2015-10/2015)**
  Neo TV, Lahore, Pakistan
  Establishing the satellite link, link budgeting, and maintenance of the DSNGs.
- **Science Teacher (03/2012-11/2014)**
  British Cambridge School and Academy, Lahore, Pakistan
  Mathematics, Computer Science, Physics (O-Level and Matriculation)
- **Police Constable (04/2010-07/2011)**
  Punjab Police, Pakistan
  Worked in partnership on a day-to-day basis with local communities, stakeholders, and colleagues to promote law and order, reduced crime, provided reassurance, and improve the quality of life for citizens.
- **Laboratory Assistant, Sports Teacher (01/2009-10/2009)**
  Faran Institute of Technology (FIT) College, Gujrat, Pakistan
  Reviewing experiments before students, setting up laboratory materials, demonstrating lab techniques, lab supervisor, monitoring student work, and evaluating their reports. In charge of annual sports activities.

IBM BADGES, COURSES, CERTIFICATES

- AI Engineering Professional Certificate (**Present**)
- The American Association Of Continuing Medical Education Certificate (29 Credit Hours Category I), 21st Shaukat Khanum Cancer Symposium (**December 9, 2022**)
- The American Association Of Continuing Medical Education Certificate (30 Credit Hours Category I), 20th Shaukat Khanum Cancer Symposium (**December 14, 2021**)
- Introduction To TensorFlow for Artificial Intelligence, Machine Learning, And Deep Learning (**October 6, 2021**)
- IBM Data Science Certification (**May 12, 2021**)
  - What Is Data Science?
  - Tools For Data Science
  - Data Science Methodology
  - Python For Data Science, AI & Development
  - Python Project for Data Science
  - Databases And SQL For Data Science with Python
  - Data Analysis with Python
  - Data Visualization with Python
  - Machine Learning with Python
  - Applied Data Science Capstone
- Coursera Improving Deep Neural Networks: Hyperparameter Tuning, Regularization, and Optimization (**May 01, 2021**)
- Coursera Neural Networks and Deep Learning (**April 20, 2021**)
- Basic Statistics, University of Amsterdam (**May 07, 2020**)
- Python For Data Science (**March 28, 2020**)
- Data Science Foundations - Level 2 (V2) (**February 13, 2020**)
- Accessing Hadoop Data Using Hive (**April 22, 2017**)
- Hadoop Foundation - Level 2 (**April 22, 2017**)
- Moving Data into Hadoop, Big Data University (**March 18, 2017**)
- Big Data Foundations Level 1 (**March 18, 2017**)
- Hadoop Foundation - Level 1 (**March 18, 2017**)
- Map-reduce And Yarn, Big Data University (**March 17, 2017**)
- Hadoop Programming - Level 1 (**March 17, 2017**)
- Big Data 101, Big Data University (**March 05, 2017**)
- Hadoop 101 (**March 05, 2017**)
- Corvit Certificate CCNA (R&S) (**January 20, 2015**)

PUBLICATIONS

- Abdul Rehman, Sarfaraz Hussein, Waqas Sultani. (2023). 'Joint Stream: Malignant Region Learning for Breast Cancer Diagnosis' (Draft submitted)
- Abdul Rehman. (2023). 'Low-Cost Automated Nuclei Segmentation of Histopathology Image' (Draft under preparation)

ROLES, INTERESTS, AWARDS

- Member Gujrat Inter-District Senior Cricket Team (2011)
- Team Head the Enterprise Challenge Pakistan (ECP): Team (National Runner-up 2021)
- Book Reading
- Gardening

LANGUAGES

- English, Urdu, Punjabi, Arabic

REFERENCES

- Waqas Sultani, Ph.D (Assistant Professor) Information Technology University, Lahore, Pakistan waqas.sultani@itu.edu.pk
- Sarfaraz Hussein, Ph.D, Machine Learning Amazon, USA arfarazhusein@gmail.com
- Mushtaq Mangat, Ph.D (Director), Ghazali Premier College, Lahore, Pakistan mushtaq.mangat@gmail.com