



ABDUL BAQI MALIK

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OBJECTIVE

Dedicated Lecturer in Computing with a Master's in Data Science and expertise in AI and Machine Learning, experienced in teaching undergraduate courses and supervising final year projects. Committed to Outcome-Based Education (OBE) and fostering student-centered learning to develop critical thinking and problem-solving skills.

EDUCATION

MS Data Science | Air University 2024
Thesis: AMaD – Android Malware Detection using ML. CGPA: 3.45
BS Computer Science | Hamdard University
FYP: Forecasting Depression in Bipolar Disorder using ML. CGPA: 3.81

EXPERIENCE

Lecturer | IQRA University Islamabad 10/2024 – Present
Courses: OOP, Intro to AI, Intro to ML, Intro to CS, Big Data Analysis, Data Visualization, Applied Physics, DLD & Application of ICT
Roles: Batch Advisor, Industrial Liaison Representative, and Secretary (IAB).
Visiting Lecturer | SZABIST Islamabad 02/2026 – Present
Courses: Computer Networks & Data Comm, Software Construction & Development
Research Assistant | Air University 06/2023 – 08/2024
Assist the Asst. professor with lesson prep, research support, CMS management, and exam integrity
Operations Manager & Co-Founder | ITechChefs 02/2023 – 03/2024
Managed operations, client communication, and digital marketing to improve customer engagement.

SKILLS

- Python
- Machine Learning
- Deep Learning
- Digital Marketing
- Artificial Intelligence
- SQL / MySQL
- Power BI
- C++
- Jupyter / Colab
- Microsoft Office

PROJECT SUPERVISED

Session: Fall 24 – Spring 25

- AI Automated Clothing with Virtual Try-On
- Neurofit AI
- Face Recognition Based Smart Employee Portal

Session: Fall 25 – Spring 26

- AI-Powered System for Early Detection of Alzheimer's Disease Using EEG and MRI Signals

- Road Sentinel: A Guardian of Road Safety and Integrity
- Smart Waste Management System
- Smart Complaint Management System

SEMINARS/WORKSHOPS/TRAININGS

Trainings:

- Attended **OBE** training workshop organized by **HEC** (June 2026)
- **Faculty Development Training** Program organized by **IQRA University** (29 Sep - 03 Oct 2025)
- Faculty Training Session on **Examination Rules and Regulations** organized by the Exam Department, **IQRA University** (April 2025)
- Faculty training on **OBE, Bloom's Taxonomy**, and **CLOs** at **IQRA University** (May 2025)

Seminars:

- Organized a seminar in collaboration with **NIC** on "**Building the Next Generation of Startups in Pakistan**," featuring **CHRIO** CEO Mr. Abdullah Zubair (Oct 2025)
- Seminar on "Exploring the Impact of AI in Modern Healthcare" (May 2025)
- Organized a seminar on "**Role of Career Counselling in Shaping Future Leaders**" in collaboration with **NIC** (Dec 2025)

CONFERENCES & PUBLICATIONS

- Presented a paper titled "**Advancements in Sentiment Analysis via Computational Techniques: A Review of Approaches Applied to Social Media Data**" at the International Conference on Recent Trends in Statistics Data Analytics with Applications in Natural Sciences, Islamabad (2024), published in Volume 1, p.113 of the proceedings.

COMPETITIONS & HACKATHONS

- Participated in **LABLABAI Generative AI Hackathon** with Team Open Thunder, proposing "HEALER," a virtual AI psychotherapist.
- Participated in **JAZZ Digital Squad Data Hackathon** with Team Alpha Star, visualizing insights using Tableau.
- Organized the "**Tabeer**" 3-minute idea pitching competition (Campus Round) at **IQRA University** in collaboration with TalentBase.ai and the AI Club. (Feb 2025)
- Participated in **Ignite Digital Hackathon** (2019).

COLLABORATION & MOUs

- Signed an MoU with "**Crafting Colons**" at BIC, IQRA University, under the IAB initiative.
- Initiated MoU process between **IQRA University** and **DEVSINC**, **TechQuest AI**, **Alfoze Technologies**, and **Contour Software**.
- In collaboration with **Brunel University of London**, **Dr. Pauldy Ottermans**, neuroscientist and Senior Lecturer, Co-founder of Teddy AI and the Ottermans Institute, served as the **industry supervisor** for the FYP titled "AI-Powered System for Early Detection of Alzheimer's Disease." (Jan 2026)
- In collaboration with **TechQuest AI**, **Dr. Muhammad Usman**, Co-Founder, served as the **industry supervisor** for the FYP titled "Road Sentinel – AI-Based Road & Bridge Monitoring System." (Dec 2026)

INDUSTRIAL VISITS ORGANIZED

- Arranged an industrial visit for C&T students to **DEVSINC Islamabad office** in coordination with the BSAI Program Lead and Internship Coordinator. (*August 2025*)

REFERENCES

- **Dr. Muhammad Ehatisham-Ul-Haq**, Technical Director, ISEY, University of East London (UK), Email: m.ehatisham-ul-haq@uel.ac.uk, Contact: +92 315 5199311
- **Dr. Syed Muhammad Usman**, Associate Professor, Bahria University H-11 Campus, Islamabad, Email: smusman.h11@bahria.edu.pk, Contact: +92 332 0615294
- **Dr. Ammara Nawaz Cheema**, Assistant Professor, Air University, Islamabad, Email: ammara.cheema@au.edu.pk, Contact: +92 331 9574233
- **Omais Malik**, Human Resources Manager, Sky Soft Connections, Islamabad, Email: omais.malik@skysoftconnections.com, Contact: +92 312 5094656