PERSONAL INFORMATION

Muhammad Ashad Baloch

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Sex: Male | Date of birth 02/12/1994 | Nationality | Pakistani
CNIC: 3630257400222

EDUCATION AND TRAINING

2023	**PHD Scholar (Computer Science) (Course Work Completed)**
Institution	National College of Business Administration & Economics Lahore.
CGPA	3.84 / 4.0
2016/08 – 2019/06	**M.Phil (Computer Science)**
Institution	National College of Business Administration & Economics Lahore,(Multan Campus).
CGPA	3.70/4.0
Thesis Title	**An Efficient Convolutional Neural Network for Remote-Sensing Scene Image Classification.**
2013/06 - 2015/12	**MCS (Master in Computer Science)**
Institution	Bahauddin Zakriya University Multan.
2012/08 – 2013/08	**Graduate: B.Sc (Computer Science)**
Institution	Bahauddin Zakriya University Multan.
2016/06 – 2018/05	**Bachelor of Education (B.Ed):** Education Technology and Evaluation
Institution	Allama Iqbal Open University Islamabad.
2009/07 -2012/07	**Intermediate: Computer Science**
Institution	Board of Intermediate and Secondary Education Multan.
2007/04 – 2009/01	**Matriculation: Science**
Institution	Board of Intermediate and Secondary Education Multan.

Research Publications

1. Revolutionizing Dental Diagnosis: A Cutting-Edge Deep Learning Approach For Disease Classification. https://doi.org/10.53555/jptcp.v30i18.3299
2. AI and Sensing -Enhanced Irrigation through Cable Rail for Drought and fros Prone Regions in the Face of Climate Change. https://www.jcbi.org/index.php/Main/article/view/315
3. Evaluate Protocol OSPF using Graphical Network Simulator-3 https://doi.org/10.56979/502/2023
4. Transfer Learning for Image Classification of COVID-19 Using Chest Radiographs https://www.jcbi.org/index.php/Main/article/view/151, https://doi.org/10.56979/501/2023
5. Multi-Animal Recognition in Zoo Cluster using Deep Learning Technique https://www.jcbi.org/index.php/Main/article/view/108, https://doi.org/10.56979/402/2023
6. An Efficient Convolutional Neural Network for Remote-Sensing Scene Image Classification. Accepted in Journal of Computers. http://www.jcomputers.us/vol15/jcp1502-02.pdf
7. Joint Demographic Features Extraction for Gender, Age and Race Classification Based on CNN. Accepted in International Journal of Advanced Computer Science and Applications (IJACSA) http://dx.doi.org/10.14569/IJACSA.2019.0101262
8. Analysis Study of Routing Protocols in MANET for Disaster Management. Accepted in Journal of Computing & Biomedical Informatics(JCBI). https://doi.org/10.56979/302/2022/51
9. Forecasting Cotton Whitefly Population Using Deep Learning. Accepted in Journal of Computing & Biomedical Informatics(JCBI) https://doi.org/10.56979/401/2022/67

Conference Paper

1. Intrusion Detection in Smart Farming Using the Internet of Things Entangling Hybrid Deep Learning Architecture (International Conference on Artificial Intelligence & Emerging Technologies (ICAIET) 2023) in MNS University of Agriculture, Multan
2. A Study on Challenges of MANET Routing Protocols in Disaster Management in International Meritorious Multidisciplinary Virtual Conference (IMMVC) 2022 Conference Lahore Page 202 - 212 Paper.

Research Interest

- Machine Learning, Artificial Intelligence, Computer Vision, Internet of Things, Image processing, Wireless Sensor Networks, Computer Vision, Pattern Recognition, Software-Defined Networks(SDN), Grid Computing, Cloud Computing, Information Security, Management Sciences.

Professional Experience

Designation	**Lecturer**
TimeLine	2025
Organization	NUML University Multan

Designation	**Visiting Lecturer**
TimeLine	2019 - 2025
Organization	University of Education Lahore, Multan Campus.

Designation	**Lecturer**
Timeline	2021- 2025
Organization	National College of Business Administration & Economics (NCBA&E) Lahore, Sub Campus Multan

Designation	**Visiting Lecturer**
Timeline	2019- 2021
Organization	Muhammad Nawaz Shareef University of Agriculture Multan

Designation	**Visiting Lecturer**
Timeline	2019- 2020
Organization	University of Central Punjab (UCP) Multan.

Designation	**Lecturer**
Timeline	2016- 2019
Organization	Superior University Lahore (Multan Campus).

Professional Skills

- Have a Good Command on SPSS, Python, MATLAB, and Linux, Machine Learning, Deep Learning
- Excellent programming skills and knowledge of computer science.
- Experience in Hardware, Networking, Assembling & Installation.
- Strong technical knowledge and ability to troubleshoot complex problems
- Experience in web Development and Designing.
- Target Oriented.

Awards and honors

- Award of appreciation for a skill development program
- Certificate of appreciation for management and organizing various programs.

Languages

- Urdu (National language),
- English

References

- Will be furnished on demand