

Arslan Mehmood Khan

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EDUCATION

2023-2027 PH.D in Electrical Engineering, COMSATS Islamabad(In Progress)

- Cumulative CGPA:3.72/4.00
- *Thesis title:* An Intelligent Ensemble Deep Learning Framework for Skin Cancer Classification.
- **Core Modules:** Pattern Recognition, Computer Vision, Advance Filter Designs, Engineering Mathematics, Advance Digital Signal Processing, Machine Learning

2016 - 2019 MS in Electrical & Computer Engineering, COMSATS Abbottabad.

- Cumulative CGPA:3.71/4.00
- *Thesis title:* A Robust Segmentation free License Plate Recognition Method.
- **Core Modules:** Advanced Machine Learning, Artificial Intelligence and Neural Networks, Advanced Computer Vision, Optimization Techniques, Digital System and Design

2007 - 2011 Bachelors of Engineering, in Electronics, NWFP University of Engineering & Technology.

- Cumulative CGPA:2.96/4.00
- *Thesis title:* Direction and Speed Synchronization between two mobile nodes.
- **Core Modules:** Computer architecture design, Digital Logic Design, Algorithms design and analysis, Digital signal processing, Digital communication systems, Signals and Systems, Microcontroller Architecture and interfacing, Control system engineering, VLSI

EXPERIENCE

10/2020- To date Senior Lecturer, Artificial Intelligence, National University of Technology Islamabad Pakistan

Responsibilities:

- > Planning and delivering lectures
- > Developing course content
- > Assessing student work /conducting research
- > Participating in academic governance

Deep Learning/Machine Learning Image Processing/ Computer Vision

04/2022- To date Program Coordinator (NAVTTTC-Funded Projects), NUTECH

Responsibilities:

- > Coordination & communication
- > Program Implementation
- > Monitoring, Evaluation, and Reporting
- > Financial Oversight

04/2016-09/2020 Lecturer Abbottabad University of Technology

Responsibilities:

- > Planning and delivering lectures
- > Developing course content
- > Teaching and mentoring at BS Level
- > Supervise BS Projects

Computer Vision Deep Learning Image Processing Python

04/2012-10/2015 Assistant Manager Production, Trans Group of Companies

Responsibilities:

- > Planning and coordinating production schedules
- > Ensuring compliance with safety and quality standards
- > Monitoring production processes

PUBLICATION

1) A robust Segmentation free License Plate Recognition Method.

(Accepted in **1st IEEE International Conference on Electrical Communication and Computer Engineering (ICECCE), 2019**)

2) Handwritten Digit Recognition Using Minimal Convolutional Neural Network (Unpublished)

COMPUTER SKILLS

Programming: Python, MATLAB.
Development Tools: Anaconda, MATLAB.
Operating Systems: Windows, Android.
Online Meetings: GoToMeeting, Zoom, Google Meet, Microsoft Teams.
Miscellaneous: Microsoft Office.

CERTIFICATIONS

Following are online certifications from coursera

1. Machine Learning Specialization (Stanford University)
2. Machine Learning Specialization (University of Washington)
3. Mathematics for Machine Learning Specialization (Imperial College of London)
4. IBM Machine Learning Professional Certificate
5. IBM AI Engineering Professional Certificate
6. Tensor Flow 2 for Deep Learning Specialization (Imperial College of London)
7. AI for Medicine (DeepLearning.AI)
8. Advanced Computer Vision with TensorFlow

REFERENCES

Dr. Zahid Mehmood Jehangir
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Computer Engineering COMSATS
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Dr Aamir Shahzad
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Engineering COMSATS
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LANGUAGES

- > Urdu: Native speaker
- > English: Proficiency level
- > IELTS Score:: **7.0**
- > Listening:: **8.0**
- > Reading:: **7.5**
- > Speaking:: **7.5**
- > Writing:: **6.0**

STRENGTHS

- > Responsible
- > Analytical
- > Hardworking
- > Communication Skills
- > Proactive
- Result-oriented