



SIDRA RASOOL

Electrical Engineer / Ph.D. Scholar

With seven years of teaching experience across diverse school systems in Pakistan and a Ph.D. in progress in Electrical Engineering, I bring a strong blend of instructional proficiency and academic rigor to the university classroom. My research focuses on deep neural networks (DNNs), particularly in their application to remote sensing and semantic segmentation. I am dedicated to fostering critical thinking, innovation, and interdisciplinary learning through engaging and research-informed teaching practices. With a growth-oriented mindset and a commitment to academic excellence, I aim to contribute meaningfully to both student success and the advancement of scholarly work in the field of artificial intelligence and electrical engineering.

Contact

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Education

Ph.D Scholar – Electrical Engineering

CUST
2020–Present

MS Electronics Engineering

CUST– 3.62/4 CGPA
2014–2016

B.E Communication Systems Engineering

NUST
2003–2007

Skills

- Latex
- Python
- Excellent Presentation skills
- Proficient in online teaching methodology
- Proficient in MS Office
- Command on Technology integration
- Proficient in conducting online class via zoom and MS Teams

Language Proficiency

British Council IELTS – Band Score 7
CEFR Score – C1

Professional Experience

2017 –
2023

Mathematics/ Physics Teacher

APSACs DHA II, Islamabad

2010 –
2011

Mathematics Teacher

Roots College International – O levels (O'1 and O'2)

Professional Achievements

- British Council IELTS – Band Score 7 / CEFR Score – C1
- Master Trainer of Elements Learning System by NUST 2023
- Certified by Elements Learning Systems, NUST
- Mathematics Coordinator
- Science Coordinator
- MS Office 365 Administrator
- AIS Administrator
- Attended BTEC Advanced teacher training Course in 2019
- Attended BTEC Beginners Course in 2018
- Conducted various SBT's of Science and Mathematics
- Principal's letter of appreciation for conducting online lessons

Awards Received

- Dean's roll of honor for 2015 and 2016
- Medal Winner
- Principal's appreciation letter 2022–2023

Research Areas/ Interest:

- Deep Neural Networks
- Image Processing
- Computer Vision

References

Dr. Noor M. Khan

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