Contact

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(LinkedIn)

Top Skills

Deep Learning
Medical Imaging
Analytical Skills

Languages

Urdu
English
Punjabi

Honors-Awards

1st Runners Up of Social
Entrepreneurship Challenge.

Best Participation Award

Winner of LUMS Management
Training Program

Best Poster Presentation At
17th Shaukat Khanum Cancer
Symposium 2018

Publications

An Infrared High classification
Accuracy Hand-held Machine
Learning based Breast-Cancer
Detection System

Performance Upgrade of Sequence
Detector Evolution Using
Grammatical Evolution and Lexicase
Parent Selection Method

Optimizing combinational logic
circuits using Grammatical Evolution

A Portable Thermogram based Non-
contact Non-invasive Early Breast-
Cancer Screening Device

Evolving Behavioural Level
Sequence Detectors in
SystemVerilog Using Grammatical
Evolution

Bilal Majeed

LERO PhD Candidate | Part-time Lecturer | Actively working in
Machine Learning, Digital Electronics, and Biomedical Devices |
Volunteer Scratch Tutor to Primary School Kids
Limerick, County Limerick, Ireland

Summary

Technopreneur !!!

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Experience

University of Limerick
Lecturer cum Module Designer
February 2024 - May 2024 (4 months)
Limerick, County Limerick, Ireland

- Delivered the end-to-end fully designed module of Introduction to Deep
Learning in Healthcare for the course of MSc in (International) Digital Health
Transformation
- Designed all the lectures, labs, and assignments from the perspective of
Healthcare with the consideration of students having no knowledge of Artifical
Intelligence and minimal experience with computers

University of Limerick
Teaching Assistant
November 2019 - December 2023 (4 years 2 months)
Limerick, County Limerick, Ireland

I taught the following modules for almost three years. My job involved
delivering tutorials alongside lectures and taking and marking the labs.
- CS4221 Foundations of Computer Science
- CS4082 Introduction to Web Development

The University of Faisalabad
Lecturer
September 2018 - August 2019 (1 year)
Faisalabad

Lahore University of Management Sciences
1 year 10 months

Research Assistant

September 2016 - June 2018 (1 year 10 months)
Lahore, Pakistan

My ongoing research work includes the designing and prototyping, a low powered and efficient nano electronic device to detect the breast cancer at it's early stages.

Teaching Assistant
August 2017 - December 2017 (5 months)
Lahore, Pakistan

Delivered tutorials on computer architecture and assisted the lecturer in marking quizzes and assignments.

Digital Marvels
Business Development Executive
June 2016 - August 2016 (3 months)
Faisalabad

Generated business for Digital Marvels by getting one of the top corporate level setups of Faisalabad on board.

Serverless Smart City
Business Development Lead | Digital Marketing and Sales
November 2015 - April 2016 (6 months)
Lahore, Punjab, Pakistan

My job included analyzing the business strategies using previous and present data, digital marketing and sales of a company providing auto governance, smart business, and a concept of complete online smart city.

Tehseen Flour Mills (PVT) LTD.
Summer Intern
July 2014 - August 2014 (2 months)
Lahore, Pakistan.

Delivered a report on electricity losses taking place in the factory, providence of possible solutions to it, and advise on new machinery.

National Transmission And Dispatch Company Limited.
Summer Internship
August 2013 - August 2013 (1 month)
GSO Gatti

Namal University
Teaching Assistant

September 2012 - January 2013 (5 months)
Mianwali District, Punjab, Pakistan

I assisted the lecturer in teaching C++ to the students of first year.

Mobilink
Guest Technician (Interne), BSS Support.
July 2012 - August 2012 (2 months)

Education

University of Limerick
Doctor of Philosophy - PhD, Computer Science · (2019 - November 2024)

Lahore University of Management Sciences
MS Electrical Engineering, Electronics and Embedded Systems (with focus on deep learning) · (August 2016 - June 2018)

Namal University
Bachelor of Engineering (BEng), Electrical and Electronics Engineering · (2011 - 2015)

Punjab College of Science
Intermediate, Pre-Engineering · (2009 - 2011)

Laboratory High School University Of Agriculture Faisalabad
Matriculation, Science Subjects · (2005 - 2009)