



Muhammad Arslan Shahid

Date of birth: 24/08/1997 | **Nationality:** Pakistani | **Gender:** Male |

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House# 225, Street# 10, Block C, Ettihad Garden, 64200, Rahim Yar Khan, Pakistan

● EDUCATION AND TRAINING

29/09/2019 – CURRENT – National University of Sciences and Technology (NUST), Sector H-12, Islamabad, Pakistan

MASTERS IN COMPUTER ENGINEERING – National University of Science and Technology (NUST) Islamabad, Pakistan

Machine Learning
Digital Image Processing
Computer Vision
Pattern Recognition and Analysis
Adv Digital Signal processing
Adv Digital System Design
Adv Computer Architecture Organization
Research Methodologies

Field(s) of study

- Computer Engineering

Thesis: Automatic Prostate Cancer Grading Using Deep Learning Architecture

3.06/4.00 | EQF level 7 | Higher Education Commission (Research Master Degree) | 30 |

<https://nust.edu.pk/>

01/09/2015 – 05/07/2019 – The Islamia University of Bahawalpur, Baghdad ul Jadeed Campus, Hasilpur Road, 63100, Bahawalpur, Pakistan

BSC COMPUTER SYSTEMS ENGINEERING – The Islamia University of Bahawalpur, Pakistan

Artificial Intelligence and Robotics
Data Warehousing and Data Mining
Software Engineering
Digital Image Processing
Data Base Management Systems
Computer Communication Networks
Digital System Design

Field(s) of study

- Computer Systems Engineering

Thesis: Chatbot for University Admission Assistance - Natural Language Processing

2.96/4.00 | EQF level 6 | Higher Education Commission (Bachelor Degree 4 Years) | 139 |

<https://www.iub.edu.pk/>

01/08/2013 – 12/09/2015 – Bahawalpur, Pakistan

INTERMEDIATE – BISE Bahawalpur

<https://bisebwp.edu.pk/>

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● **RESEARCH INTEREST**

Artificial Intelligence, Machine Learning, Deep Learning

I have a high interest in Artificial Intelligence, machine learning, and deep learning background and also successfully achieved multiple robust classification and segmentations architectures for brain tumor detection and other classification problems. I am really passionate about your upcoming projects, especially developing multi-modal hardware and algorithms in Matlab/Python for next generation acquisition, modeling, and analyses of anatomical and functional neuroimaging (both optical and MRI).

● **DIGITAL SKILLS**

My Digital Skills

Data Science & Machine Learning

Spacy, NLTK | Numpy | Deep Learning | Data Science | Keras | Matplotlib | Artificial Intelligence | Machine Learning | Pandas | Computer Vision | PyTorch

Programming Languages

Python | C,C++, C# | SQL | Web (HTML, CSS) | MATLAB

Research Skills

Case Study | LAtex | Systematic Literature Review | Experiment Result | ENDNOTE | Research Methodology | Field Survey

Art & Design

Adobe Illustrator | Adobe InDesign | Figma | UX/UI

Microsoft Office

Microsoft Excel | Microsoft Word | Microsoft Publisher | Microsoft Access | Microsoft PowerPoint

Digital Marketing

Facebook Marketing | Instagram Marketing | Youtube Marketing | Google Marketing | Online Business Development | Amazon PPC | Amazon Listing | Amazon Product Research | Amazon Product Hunting | Amazon Virtual Assistant

● **WORK EXPERIENCE**

13/03/2020 – CURRENT

FREELANCE SERVICES – FIVERR

Lessons Learnt

- How to Communicate/Deal with Local/International Clients
- How Negotiation works
- How to Manage Time
- International Exposure
- What's in Market/Trends
-

● **HONOURS AND AWARDS**

13/09/2014

Chief Minister Merit Based Laptop Scheme – Higher Education Commission (HEC)

Government of Punjab Distributed Laptop on merit.
I was Awarded Laptop Based on Excellent Score (Above 85%)

● **PROJECTS**

17/10/2018 – 05/07/2019

Chatbot for University Admission Assistance - Natural Language Processing

As our Bachelor FYP, we built a chatbot for university Admission assistance, There was no proper helpdesk to guide new admission seekers online. one has to visit onsite campus for details. we built a chatbot which can solve problems for new comers online. this project save university help desk assistants (Economical benefit) also the process was in real time.

01/01/2019 – 12/02/2020

Cactus Recognition using Convolutional Neural Networks

A dataset of thousands images containing Arial images of cactus. some pictures were empty and some had cactus. the purpose was to build a system to detect object from so small image (25x25) to make the system available to detect anything later on. we used CNN layers, convolution, pooling and finally connected layer to extract a single vector. We obtained an accuracy score of 72.3%.

● **LANGUAGE SKILLS**

Mother tongue(s): **URDU**

Other language(s):

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
| | Listening | Reading | Spoken production | Spoken interaction | |
| ENGLISH | C2 | C2 | C2 | C2 | C2 |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Leadership

I have lead projects in academic and personal life. i take responsibility and make sure I input my fullest to motivate my team and myself to gain proper results.

Team Player

I have worked in teams as well and i am confident to work under any leadership. i always believe in innovation and new ideas should be communicated in team to play a significant role.

Quick Learner

I find myself quick learner when assigned any task or i have interest in it. Due that which i have learnt a lot of skills and in most of them i am on advanced level.

Communication

i would count it as my weakness, because when i start communicating it goes on, it waste my time.

● **RECOMMENDATIONS**

Engr. Dr. Arslan Shaukat – Supervisor – arslan.shaukat@ce.ceme.edu.pk – (+92) 3348526631

Associate Professor CEME NUST

Egr. Dr. Muhammad Usman Akram – Co- Supervisor – usman.akram@ce.ceme.edu.pk – (+92) 3336913921

Associate Professor CEME NUST