Faiz Jillani

To grow & excel in an achievement oriented, eclectic & rewarding environment through a combination of smart work, perseverance & the right initiative.

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Summary

❖ ML Engineer , Approximately 3.5 Year of experience as visiting faculty and as permanent lecturer computer science , 6 months SQA internship.
❖ Hands on experience in quantitative Research, Reviews, Data Analysis, Intrusion Detection and Knowledge Deliverance
❖ Proactive, Efficient in multi-tasking and decision making, known for achieving best quality and effective trainer.
❖ Highly motivated individual with excellent management, Leadership and analytical skills and Responsible individual who believes in continuous improvements.

Areas of Expertise

❖ Machine Learning	❖ Data Structure & Algorithms
❖ Deep Learning	❖ Digital Logical & Design
❖ Image Processing	❖ ADBMS
❖ Data Warehousing & Mining	❖ OOP
❖ Intrusion Detection Systems	❖ OS
❖ Software Quality Assurance	❖ C#
❖ Non Functional Testing	❖ HTML/CSS
❖ Functional Testing	❖ Confluence
❖ STLC	❖ GitHub
❖ UML Diagrams	

Technical Proficiencies

❖ **Office Tools:** MS Office, MS Visio, Trello
❖ **Data Base:** SQL Server 2014
❖ **Tools:** Matlab, WEKA, Kaggle, Keel, RapidMiner, Orange, Anaconda, Jupyter, VS

Professional Experience

Visiting Lecturer   **August 2024 – Until Now**
CS/IT/DS Dept. MNSUAM Multan, Pakistan

Visiting Faculty as Lecturer   **March 2020 – Until Now**
CS,IT.Psychology Dept. BZU Multan, Pakistan

Visiting Faculty as Lecturer   **September 2020 – March 2021**
IT Dept. UE Multan, Pakistan

Technical Assistant for AI apps   **December 2020 – February 2021**
QuetzalSoft, Multan, Pakistan

Lecturer Computer Science   **September 2018 – November 2019**
Punjab College, Multan, Pakistan

Internship

SQA Department   **February 2018 – July 2018**
Geek Technologiez, Multan, Pakistan

Geek Technologiez (www.geektechnologiez.com) was built to deliver quality IT related services that are diversified as Web Development.

During this tenure I learned and worked on the C# Development on different Projects.

Education

PHD Scholar
CS Dept
Muhammad Nawaz Sharif Agriculture University,
Multan Pakistan

MS Information Technology 2020
Bhauddin Zakariya University, Multan Pakistan

BS (Hons.) Information Technology 2017
Bhauddin Zakariya University, Multan Pakistan

Academic progression

- ❖ Developing own datasets and metrics for AI models
- ❖ I Applied different features selection techniques with multiple machine learning algorithms on 20 worldwide accepted datasets using Keel, WEKA and Matlab. It has improved performance accuracy of different features and time spam also reduced which impacted as effective learning in modern research environment. It was my MS thesis work.
- ❖ I Applied sample selection methods for efficient learning of machine learning models.
- ❖ I recently defined loopholes in Intrusion Detection System models by identifying improper training mechanism.
- ❖ I Coded and QA the Complete **"Pharmacy Management System"** in C# windows form application with SQL Server database. It has all the features of sale, purchase, stock management. It was my Final year BS Project
- ❖ I Coded **"Point Of Sale"** in C# windows form application using SQL Server database.
- ❖ **"Car Showroom and Repair"** It was my Database Project Designed a detailed Normalized ERD for front End I use C# Desktop Applications.
- ❖ **"Student Management System"** I Designed & Coded Complete Application in C# Windows Form Application with using SQL Server for Quran Academy (Free Islamic Education Center).

Research Paper (IEEE Access, IJCSNS)

- ❖ Practically implementation of information loss: sensitivity, risk by different feature selection techniques DOI:10.1109/ACCESS.2022.3152963,IEEE Access
- ❖ Privacy Inference and Performance analysis of Open Source IPS/IDS to Secure IoT-Based WBAN DOI:10.22937/IJCSNS.2022.22.12.1
- ❖ Intelligent IDS for Bigdata analytics (Submitted)

Recent Work
- ❖ Developing AI model and IoT tools for Agri Industry (Funded Project)
- ❖ Exploring machine learning models performance improvements metrics.
- ❖ I am recently working on Intrusion Detection System for IoT Security using IoT security2020 dataset.
- ❖ Defining my Data Science path for my PhD work
- ❖ Working as Supervisor in FYP of BS-IT students Bhauddin Zakariya University Multan, Pakistan.
- ❖ IEEE Access machine learning articles reviewer.

Courses and certification

- ❖ Journal Editor and Indexing Trainer

  Women University Multan
- ❖ National Cyber Training Program: Digital Forensic and Cyber security (1 year Program, Enrolled, working)

IEEE courses Certification

- ❖ A Premier on Clustering:III. (Mostly) Fuzzy Clustering in Very Large Datasets
- ❖ Cyber Security for Industrial Control systems
- ❖ Applications of Neural Networks for RF Design
- ❖ Discover 5G
- ❖ Understanding Blockchain Technology:Abstracting the Blockchain
- ❖ Wireless Sensor Networks and Applications
- ❖ (CSDA) Software Construction, Methods and Tools
- ❖ Principles and Applications of RFID

Other Relevant (Facts / Interests / Hobbies)

- ❖ A people's person. Love making new friends and watching documentaries in free time
- ❖ Student Counseling
- ❖ Travelling

References

🎬 Available upon request