Muhammad Irfan Khan

Cyber Security and Machine Learning Engineer

+923022472025

irfan2020@namal.edu.pk

Mianwali, Pakistan

Computer Scientist, ML and Security Engineer with a focus on Image Prepressing, Machine Learning and Sec. Proficient in Python, experienced in diverse projects. Continuously expanding expertise through Coursera certifications.

EDUCATION

Namal Universty Mianwali
BS Computer Science
2020-2024

FSc (Computer Science)
Punjab College of Science Mianwali
2018-2020

LNAGUAGES

- English
- Urdu
- Chiness(Basics)

EXPERTIES

- Information and Cyber Security
- Image Preprocessing, Classifications and Segmentation
- Computer Vision
- Machine Learning
- Deep Learning
- Computer Networking
- Python and R
- Critical and logical Thinking
- Leadership
- Problem Solving
- MS Azure

PROFESSION

- Student
- Freelancer
- Researcher

WORK EXPERIENCE

Machine Learning and Data Mining
Fiverr and Upwork
2020 to Now

Teacher Assistant
Namal Universty Mianwali
2023 - Feb 2024

Library Management
Namal Universty Mianwali
2023

Marketing Head
IEEE Namal Student Branch
2023 till now

Research Assistant
Dr.Samad Wali, Dr.Zia U Rehman and Dr. Noshabah Zulfaqar
2023 till now

Assistant Lab Engineer
Computer Networking and ICT
Nov 2023 to Feb 2024

SKILLS SUMMARY

Skill	Level
Information and Cyber Security	91%
Machine Learning	90%
Deep Learning	85%
Data Mining	85%

PROJECTS

Malwares detection in Encrypted Traffic Through Machine Learning
Final Year Project
2023 till now

Grammatical Error Correction Using LSTM
Semester Project
2023

Recommendation System Using GNN
Semester Project
2023

Made Logical Namal Universty Network using Cisco Packet Tracer
Semester Project
2022

PROGRAMMING LANGUAGES

- Python
- R
- SQL
- C/C++

TOOLS

- SandBox
- Weka
- Rapid Miner
- Orange
- Cisco Packet Tracker
- Wireshark
- Colasoft

REFRENCES

Dr. Arshad Farhad
Associate Professor
Namal Univerty Mianwali
Arshad.Farhad@namal.edu.pk

Dr. Noshabha Zulfaqar
Assistant Professor
GIKI Topi Sawabi
snoshaba.khann@gmail.com

Dr. Zia U Rehman
Associate Professor
Namal Univerty Mianwali
zia.rehman@namal.edu.pk

Dr. Samad Wali
Associate Professor
Namal Universty Mianwali
samad.walikhan@outlook.com

Thyroid Stage Prediction using Machine Learning
Semester Project
2024

Milk Quality Prediction using ML Classification Models
Semester project
2023

To Do List Manger and its Deployment on Cloud
Semester Project
2023

Small Python Interpreter with Thinker GUI
Semester project
2024

RESEARCH PROJECTS

Grammatical Error Correction using LSTM
IEEE Conference
2023

Machine learning for Material Science
Open project
2023

MRI Images Classification
Open project
2023 till now

Deep Insights: Unveiling Pakistani Stock Market Trends Using Advanced Forecasting Models
Open project
2023 till April 2024

Exploring Predictive Models for Predicting Thyroid Cancer Recurrence Using Machine Learning
Open project
Feb 2024

Malware Detection in Encrypted Traffic Through ML
Open project
Jan 2024 to Mar 2024

COURSERA CERTIFIACTION

Specialization in Machine Learning and Data Mining (6 Courses)
Feb 2023 to Mar 2024

Specialization in Cyber Security (Network Security)
Sep 2023 to May 2024