

Muhammad Saad Rashad

Software Engineer

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Date of Birth: 28 June 1995 — Nationality: Pakistani — Marital Status: Married

PROFESSIONAL PROFILE

A dedicated Computer Science educator and researcher with an MS in Computer Science and a focus on explainable machine learning and Cyber Threat Intelligence. Experienced in delivering university-level laboratory instruction across different computer science subjects. Author of peer-reviewed research applying explainable AI (SHAP) to the classification threat intelligence data. Seeking a Lecturer position to combine strong teaching ability with an active research agenda.

EDUCATION

MS – Computer Science	2026
<i>NUCES — FAST, Peshawar</i>	
BS – Software Engineering	2017
<i>City University of Science & Information Technology, Peshawar</i>	
F.Sc – Pre-Engineering	2013
<i>Fazaia Inter College, Shaheen Camp, Peshawar</i>	
Matriculation – Science	2011
<i>Fazaia Degree College, Peshawar</i>	

EXPERIENCE

NUCES — FAST, Peshawar	
<i>Lab Instructor</i>	Jan 2023 – Present
Conducted labs for various Computer Science courses.	
Institute of Management Sciences, Peshawar	
<i>Lab Instructor (Visiting)</i>	Mar 2021 – Jan 2023
Conducted labs for various Computer Science courses.	
RAR Multibiz Services PVT. LTD	
<i>Android Developer</i>	Apr 2018 – Nov 2018
Worked on Android-based commercial applications.	

PUBLICATIONS

Association for the Advancement of Artificial Intelligence (AAAI)

M.S.Rashad et al., *Enhancing Human-AI Trust in Cyber Threat Intelligence via Interpretable Attack Phase Classification*, AAAI 2026 Summer Symposium Series, 2026. (Accepted)

Array, Elsevier

M.S.Rashad et al., *Trustworthy and Explainable Malware Threat Intelligence Through Social Media Analytics and Nature-Inspired Optimization*, Array, Elsevier, 2026. (under review)

PROJECTS

Research Projects

Cyber Threat Intelligence Jul 2020
Research project using STIX, GraknAI, OpenCTI.

Professional Projects

Security of Sensitive & Vulnerable Establishments and Places Apr 2018
Android-based intelligent application for auditing.

Luxury Cabs Oct 2018
Android-based application for cab booking.

TECHNICAL SKILLS

Programming: - Python, C++, Java	Tools / Frameworks: - SHAP - MatLab - Android	- Linux - Windows
Web / DB: - HTML, CSS, PHP - SQL, SQLite	Operating Systems:	Productivity: - MS Office - Latex

CERTIFICATIONS

Supervised Machine Learning

Coursera – Stanford – DeepLearning.AI
- *Machine Learning Algorithms*
- *Classification and Regression*

AI For Everyone

Coursera – DeepLearning.AI
- *Basic concepts of Big Data*
- *Analysis and processing using Deep Learning*

Advanced Learning Algorithms

Coursera – DeepLearning.AI

Cisco Certified Network Associate

NetAcad – Cisco
- *Introduction to Networks*
- *Routing and Switching Essentials*

Python for Data Analysis: Pandas & NumPy

Coursera
- *Python fundamentals for data analysis*
- *HTML data in Pandas DataFrames*

REFERENCES

Reference will be provided upon request.