



Aalia Shaukat

📍 **Work:** Satellite Town Rawalpindi Pakistan, 46000, Rawalpindi, Pakistan

✉ **Email address:** aaliashaukat16@gmail.com ☎ **Phone:** (+92) 3181985602

Gender: Female **Date of birth:** 2000/05/17 **Nationality:** Pakistani

WORK EXPERIENCE

SARMAYA MICROFINANCE

City: Rawalpindi | **Country:** Pakistan

Internship as Network Assistant

Supported network installation, configuration, and routine maintenance. Assisted in troubleshooting network connectivity issues, configuring basic network settings, and providing technical support to users.

[2023/10/18 - 2024/01/31]

EDUCATION & TRAINING

Master of Science (MS) in Cyber Security

SZABIST University Islamabad, Pakisatn

Address: Street # 9, Plot # 67, Sector H-8/4, Islamabad, Pakistan, 44000 , Islamabad (Pakistan) | **Field(s) of study:** Cyber Security | **Final grade:** 3.67/4 | **Level in EQF:** 7 | **Number of credits:** 33 | **Thesis:** AI based IDS for Enhancing Security Against Network Attacks

Conducted research on an AI-based Intrusion Detection System (IDS) to enhance network security against cyberattacks in IoT environments. Designed and evaluated lightweight deep learning models integrated with Federated Learning for privacy-preserving multiclass attack detection using the CIC-IoT2023 dataset. The proposed framework achieved high detection accuracy while improving scalability, computational efficiency, and intelligent threat detection.

[2024/09/24 - Current]

Bachelor of Science (BS) in Information Tecnology

PMAS Arid Agriculture University Rawalpindi

Address: PMAS Arid Agriculture University Shamsabad, Murree Road, Rawalpindi, Punjab, Pakistan, 46300, Rawalpindi (Pakistan) | **Field(s) of study:** Information Technology | **Final grade:** 3.00/4 | **Level in EQF:** 6 | **Number of credits:** 137

[2019/09/24 - 2023/07/15]

F.S.C

Iqra Public School and College AJ&K

City: Bagh AJ&K | **Country:** Pakistan | **Level in EQF:** 5

[2016/08/18 - 2019/08/15]

LANGUAGE SKILLS

Mother tongue(s): Urdu | kashmiri

Other language(s):

English

LISTENING: C1 **READING:** C1 **WRITING:** C2

SPOKEN PRODUCTION: C1 **SPOKEN INTERACTION:** C1

PUBLICATIONS

[2026]

[Phishing Email Detection With Machine Learning Algorithms](#)

CERTIFICATIONS/ONLINE COURSES

- [2024/02/15 - 2024/05/15] **CEH**
- [2022/10/10 - 2022/11/05] **Basic Graphic Designing**
- [2022/10/11 - 2022/12/11] **Freelancing and Instant Skills**
- [2023/04/16 - 2023/05/16] **Advance Graphic Designing**
- [2023/02/01 - 2023/06/15] **Guest Blogging Outreach Business (GBOB)**
- [2023/01/02 - 2023/06/15] **SEO**
- [2026/05/20 - 2026/06/22] **Certified LLM Security Professional (CLLMSP)**

WORKSHOPS/TRAINING

- [2023/07/15 - 2023/07/15] **Nature & Biodiversity Workshop**
Two hour Workshop on Nature & Biodiversity.

CONFERENCES & SEMINARS

- [2026/02/14 - 2026/02/14] **1st International Conference on AI & Multidisciplinary Innovations (ICAMI-2026)**
Northen University Peshawar Pakistan

SKILLS

Computer Skills

Windows & Linux Administration | Kali Linux | Wireshark | VMware | VirtualBox | Tshark | Microsoft Office | Nmap | Report Writing | Python | Network Configuration

Cyber Security Skills

Network Traffic Analysis | Network Security | Malware Analysis (Basic) | Security Risk Assessment | Vulnerability Assessment | Secure Communication | Penetration Testing | Ethical Hacking | Intrusion Detection Systems (IDS)

Research Skills

Literature Review | Academic Research | Research Methodology | Data Analysis | Critical Analysis | Data Collection | Scientific Writing | IEEE Reference Management | Experimental Design

Communication Skills

Teamwork Collaboration | Problem Solving | Technical Document'entation | Active Listening | Leadership | Technical Presentation | Time Management