ALI MOAVIA

Cybersecurity & Digital Forensics

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EDUCATION

Bachelor of Science in Cybersecurity & Digital Forensics
Islamia University of Bahawalpur (IUB)

2021 – 2025

- Key coursework: Cyber Security, Forensic Analysis, Digital Forensic Investigation.
- Relevant projects: Forensic Analysis using FTK, Autopsy, WinHex, Belkasoft.

Intermediate in Computer Science (ICS)
Muslim Group of Schools & Colleges, Multan

2019 – 2021

- Key subjects: Computer Science, Mathematics, Physics.

Matriculation (Science)
Government High School, Khangarh

2016 – 2018

- Key subjects: Physics, Chemistry, Biology, Mathematics.

CERTIFICATIONS

Networking Devices and Initial Configuration
Cisco Networking Academy

Oct 2024 | Credential ID: See Credly

Belkasoft Android Forensic
Belkasoft

Mar 2024 | Credential ID: wn6vkavhtq

Cyber Forensic
Great Learning

Feb 2024

Digital Forensics Examiner
Alison

Feb 2024 | Credential ID: 4791-31673933

Digital Forensic Essential
EC-Council

Jul 2023 | Credential ID: 232111

EXPERIENCE

Intern, Punjab Police Pakistan
Civil Lines Police Station

Jan 2025 – Feb 2025

- Gained hands-on experience in law enforcement operations and criminal justice system processes.
- Developed skills in law enforcement awareness and criminal justice system overview.

Freelance Cyber security & forensic Solutions

May 2023 – Present

- Delivered over 20 digital forensic analysis projects using tools like FTK, Belkasoft, and Autopsy, leading to successful case resolutions for private clients.
- Performed cybersecurity audits for 15+ SMEs, identifying vulnerabilities and deploying countermeasures that reduced risk exposure by up to 40%.
- Conducted personalized training sessions for 50+ clients on ethical hacking techniques, secure digital practices, and forensic workflows.

PROJECTS

Portable Forensic Analysis Tool (PFAT)
Islamia University of Bahawalpur

Jan 2024 – May 2024

- Developed a Python-based forensic tool with Tkinter GUI, using psutil and scikit-learn for artifact analysis across platforms.
- Achieved 95% evidence recovery rate; earned top honors at university hackathon.

SpoofHawk: Email Spoofing Detection Tool
Self-Directed

Oct 2023 – Mar 2024

Ethical Hacking Essential
EC-Council
Jul 2023 | Credential ID: 235187

Nmap
MindLuster
Jul 2023 | Credential ID: 721221832

Understanding Bash Scripting
Alison
Jun 2023 | Credential ID: 4449-31673933

Basic Networking for Cisco Certified Network Professional Routing and Switching 300-101 ROUTE
Cisco
Feb 2023 | Credential ID: See Credly

Dark Web Anonymity and Cryptocurrency
EC-Council Learning
Jan 2023 | Credential ID: 190841

Introduction to Cybersecurity
Cisco
Nov 2022 | Credential ID: See Credly

Introduction to Programming Using Python
Sololearn
Aug 2022 | Credential ID: CT-NSVDSKB2

Ethical Hacking for Beginners
Simplilearn
Mar 2022 | Credential ID: 3289292

Introduction to Programming Using HTML and CSS
Sololearn
May 2020 | Credential ID: CT-LMMCBEF9

SKILLS

- **Forensic Analysis:** FTK, Belkasoft, WinHex, Autopsy, Linux, Android Forensic, Digital Forensics
- **Programming:** Python, C++, C, Bash
- **Networking:** Network Security, Cisco Technologies, Nmap, Network Configuration, Information Privacy, Cyber Best Practices, Threat Detection
- **Web Technologies:** HTML, CSS
- **Cybersecurity:** Ethical Hacking, Dark Web

- Built a Python-based tool with Tkinter GUI, leveraging Random Forest and synthetic data to detect email spoofing via SPF/DKIM.
- Improved detection accuracy by 20% with real-time monitoring; showcased in technical report.

AMN-DOS: Network Stress Testing Tool
Self-Directed
Jul 2023 – Dec 2023

- Created a Python-based tool for ethical DDoS simulation using HTTP flood, Slowloris, and TCP SYN flood techniques.
- Enhanced network resilience testing; documented for cybersecurity education.

HONORS & AWARDS

Best Project Award
IEEE ComSoc UCET IUB
Jan 2024

- Award-winning project: "Securing Windows: Innovative Bypass Techniques and Robust Protection Strategies."
- Explored innovative techniques for bypassing Windows security with robust protection strategies

LANGUAGES

English	★★★☆☆
Urdu	★★★★☆

INTERESTS

Cybersecurity | Digital Forensics

Ethical Hacking | Linux Systems

Network Security | Penetration Testing

REFERENCES

References will be furnished on demand.