YASRAB BASHIR

MSc Cybersecurity, University of Hertfordshire (UK), B.E Telecommunication Engineering Mehran University of Engineering and Technology
Hyderabad, Pakistan (open to relocation) | +92 320 3779192 | Samo.yasrab@gmail.com | linkedin.com/in/yasrabbashir

SUMMARY

Lecturer in the BS Artificial Intelligence program at Mehran University of Engineering & Technology, with an MSc in Cybersecurity (University of Hertfordshire, UK) and nearly three years of UK industry experience in security analytics, monitoring and critical infrastructure. Committed to practical, research-informed teaching in AI and emerging technologies, with a strong grounding in secure and trustworthy AI, and to bridging the gap between academic learning and industry practice.

EDUCATION

MSc Cybersecurity, Advanced Research (Merit) | University of Hertfordshire, UK **Oct 2020 – Sept 2022**

- Research: Designed a Security honeypot using Raspberry Pi that captured and analysed attacker behaviour (MITRE ATT&CK), applying threat intelligence and data analysis.

B.Eng. (Hons) Telecommunication Engineering | Mehran UET, Jamshoro, Pakistan **Dec 2004- May 2009**

- Dissertation: designed and evaluated power control and multicast scheduling algorithms for HSDPA networks to optimise SINR, interference and QoS.

TEACHING & RESEARCH FOCUS

Artificial intelligence and emerging technologies | AI security and emerging cyber threats | Security analytics and automation | Curriculum development | Student mentoring | Laboratory demonstrations | Advanced research

EXPERIENCE

Lecturer (Contractual), BSAI | Mehran University of Engineering & Technology, Jamshoro **Sept 2026 - Present**

- Teach undergraduate courses in the BS Artificial Intelligence program, connecting AI and emerging-technology concepts to real-world industry practice.
- Conduct laboratory sessions and demonstrations, mentor students on projects, and contribute to curriculum development and academic research.
- Bring AI security, emerging cyber threats and responsible-technology perspectives into the classroom.

Information Security Analyst | QBeIT, London, UK **Mar 2024 – Apr 2026**

- Analysed large volumes of enterprise event data in Splunk, building searches, dashboards and correlation rules to detect anomalies and potential threats.
- Supported identity and access management and ran compliance reviews against ISO/IEC 27001, NIST CSF, PCI DSS and UK GDPR.

Cybersecurity Engineer Graduate | INEOS FPS, Scotland, UK **May 2023 – Mar 2024**

- Monitored and tuned SIEM (SolarWinds SEM) dashboards, filters and correlation rules to improve detection across industrial networks.
- Assessed Operational Technology (OT) and critical infrastructure against IEC 62443, NIST SP 800-82 and ISO/IEC 27001; took part in Factory Acceptance Testing.

IT Engineer – Security & Infrastructure | Thinkly Infra, Pakistan **July 2017 – Sept 2020**

- Managed Windows Server infrastructure, automated provisioning and reporting with PowerShell, and deployed MFA, Conditional Access, RBAC and EDR/XDR.

Cybersecurity Analyst (Intern) | Ghanimah, Canada (Remote) **Mar 2021 – Dec 2022**

- Developed IT security policies aligned with ISO 27001/27017/27018, supported risk management per ISO 27005, and ran vulnerability assessments.

CERTIFICATIONS

- CompTIA Security+
- ISO/IEC 27001 Lead Auditor
- Microsoft Certified Identity and access administrator SC-300
- Microsoft Certified Security, Identity and Compliance SC-900

LANGUAGES

English (Advanced) | Urdu (Native) | Sindhi (Native)