

ALGHALIAH TAJ A.

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PROFILE

First Class Honours graduate in Cybersecurity and Forensic Computing (BSc Hons, GPA 3.6/4.0, University of Portsmouth, 2026). Hands-on experience across malware reverse engineering, OSINT-driven threat detection, penetration testing, and IoT security. Built a four-layer OSINT framework achieving 91.4% ML accuracy across 875 real-world URLs. Native Arabic speaker, advanced English (IELTS). Seeking SOC Analyst, Security Analyst, Digital Forensics, Pentesting, or GRC roles in Saudi Arabia or the UK.

EDUCATION

BSc (Hons) Cybersecurity & Forensic Computing — University of Portsmouth | First Class Honours | GPA 3.6/4.0 2022–2026
Key grades (all First Class): Data Analytics 83% · Vulnerability Discovery & Exploitation 80% · Ethical Hacking 77% · Dissertation (CIOF) 72%

TECHNICAL SKILLS

Forensics & Malware: IDA Pro, Wireshark, RegShot, Volatility, x86 Assembly **Pentesting:** Nmap, Metasploit, Burp Suite, OWASP Top 10, CVE analysis
Programming: Python (scikit-learn, pandas, Scapy), Bash, PowerShell **OSINT & Intel:** WHOIS, DNS, SSL, MITRE ATT&CK, blockchain tracing
GRC: ISO 27001, NIST, GDPR, Saudi PDPL **IoT:** Arduino, MQTT/TLS, Scapy **Cloud:** SIEM concepts, log analysis, network protocol analysis

KEY PROJECTS

Cryptocurrency Investigative OSINT Framework (CIOF) — Final Year Dissertation | 72% First Class 2026
• Four-layer OSINT framework (infrastructure, content, social footprint, blockchain) with Random Forest classifier: **91.4% accuracy**, 92.9% precision, 0.925 F1-score across 875 URLs. Graduated risk output (Legitimate/Suspicious/Scam). Addresses £9.39B in annual crypto scam losses.

Malware Forensic Investigation — Insider Threat Simulation | First Class 2025
• Static and dynamic analysis (IDA Pro, Wireshark, RegShot) uncovered IRC-based C2, registry persistence, and screen-capture spyware in a UPX-packed sample. Delivered full IOC list and hardening plan.

CyberLight — IoT Network Attack Visualiser | First Class 2026
• ~£37 Arduino device with Python/Scapy layer detecting port scans, rogue devices, and brute-force attacks in real time via LED, LCD, and buzzer. Events logged to cloud MQTT broker over TLS.

Practical Penetration Testing & Vulnerability Research | 80% First Class 2025
• File-upload exploit to reverse shell; three WooCommerce CVEs mapped to OWASP Top 10; TryHackMe CTF completed end-to-end (recon, exploitation, privilege escalation, root flag).

PROFESSIONAL EXPERIENCE

Cybersecurity & Information Systems Intern — Vision Energy Industrial LLC Jun–Aug 2025, Dammam, Saudi Arabia
• Security monitoring, log analysis, and threat identification in a Saudi energy sector Cybersecurity & Information Systems team. Contributed to policy implementation and staff awareness.
• Practical exposure to OT-adjacent network environments and industrial cybersecurity operations.

CERTIFICATIONS, LANGUAGES & RESEARCH

Certifications: CompTIA Security+ (in progress) · CEH (planned) · TryHackMe active user
Languages: Arabic (native) · English (advanced, IELTS certified) · Turkish (intermediate)
Research: Independent two-part series on Arabic phishing detection gaps affecting 300M+ Arabic speakers