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EDUCATION

University of Sunderland   Sept 2023 – Sept 2024
MSc Cybersecurity *(Distinction)*

Fundamentals of Cybersecurity, Cybersecurity and UXD, Cyber Resilience and Incident Response, Technology Management for Organizations, Data Privacy & Governance

University of Sunderland   Sept 2020 – May 2023
BSc Networks and Cybersecurity (*First Class Honours*)

CCNA: Switching, Routing and Wireless Essentials, Network forensics, CCNA: Introduction to Networks Architecture and Operating Systems, CCNA: Enterprise Networking, Security, and Automation, Foundations of Cybersecurity and Forensics, Advanced Cybersecurity, CCNP: Advanced Routing, ITSM, and ITIL.

OnCampus Sunderland   Jan 2020 – Aug 2020
Foundation Programme, Engineering and Physical Sciences

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- CompTIA Security+
- McKinsey & Company – Forward Program
- **Just IT Training Ltd – IT Technical Skills Bootcamp**
  CompTIA A+ Core 1 & 2, MCTS Windows Client, and Office 365   Apr 2025 – Jun 2025

WORK EXPERIENCE

Sports Direct, UK | *Sales Assistant*   Dec 2024 – Apr. 2025

- Provided excellent customer service, assisting shoppers with product selection and enquiries.
- Operated tills and processed cash, card, and refund transactions accurately.
- Replenished stock, maintained displays, and ensured products met brand presentation standards.
- Supported inventory control through stock checks, tagging, and handling deliveries.
- Promoted offers and advised customers on sportswear and equipment to drive sales.
- Worked collaboratively to meet sales targets, maintain store standards, and resolve customer issues promptly

Flags Technology | *Cybersecurity Internship*   Jan 2022 – Jul 2022

- Monitored and analyzed security events using SIEM tools (Splunk), detecting and escalating potential threats.
- Conducted vulnerability assessments with Nessus, prioritizing and recommending remediation for critical gaps.
- Assisted in configuring firewalls, VPNs, and ACLs to strengthen network security.
- Supported incident response efforts, performing triage and analysis of phishing and malware incidents using Wireshark.
- Automated log analysis and threat detection with Python scripts, streamlining security workflows.
- Prepared and presented incident reports clearly for stakeholders, ensuring understanding of risks and impacts.
- Collaborated with cross-functional teams to enhance security awareness and embed best practices.
- Maintained ISO 27001 and GDPR compliance through documentation, reporting, and audit support.

IT EXPERIENCE & PROJECT EXPERIENCE

University of Sunderland | *MSc Cybersecurity Dissertation*   June 2024 – Aug 2024

Dynamic ARP Cache Poisoning Detection and Enhanced Prevention in Virtual Networks Using SDN and Real-Time Traffic Analysis with Scapy

- Developed a system integrated with the SDN Ryu controller to detect and prevent ARP poisoning attacks.
- Created an ARP cache poisoning attack tool to simulate and test vulnerabilities.
- Used Scapy for real-time ARP packet analysis, with Ryu to enforce dynamic flow rules on Open vSwitch (OvS) to manage ARP requests and replies.
- Integrated with the DHCP server for automatic host list management, supporting both dynamic and static devices.
- Designed the system as a hybrid ARP proxy and detection mechanism, ensuring network continuity even in false-positive scenarios.

Password Security and UX Analysis Project   Feb 2024 – Jul 2024

Developed a user-focused password strength system using Python Flask and NIST guidelines.

- Developed a Python Flask web app aligned with NIST SP 800-63-3, featuring emoji-based strength meters, color feedback, and time-to-crack indicators.
- Conducted statistical analysis (ANOVA, Chi-Square, T-tests) using Python, SPSS, and Excel to assess the impact of UX elements on password strength.
- Ensured GDPR compliance with encrypted data storage and anonymized survey responses.
- Presented findings to technical and non-technical stakeholders, translating data into actionable recommendations.

Network Security Consulting Project   Dec 2023 – Jan 2024

- Assessed physical and network security risks in a multi-floor office setup, recommending adjustments to server room placement, cabling, and environmental controls.
- Designed a secure network topology using VLANs, NAT/PAT, and VPNs, ensuring robust inter-site connectivity with firewall policies and GRE tunnel configurations.
- Implemented zone-based firewalls and configured OSPF with authentication to secure routing protocols.
- Enhanced network segmentation through VLANs for different departments, with redundancy setups like HSRP and EtherChannel to ensure high availability.
- Documented the entire configuration and provided a comprehensive security policy for ongoing network management and stakeholder understanding.

SKILLS

Programming:	-	Python, SQL, NoSQL, Bash, C#, HTML, CSS, JavaScript, SPSS, Excel Analytics, Power BI, NumPy, Pandas, Big Data.
Networking:	-	Cisco IOS & ASA, BGP, OSPF, RIP, VLANs, TCP/IP, SDN, Routing & Switching, Wi-Fi, DNS, DHCP, IPsec, VPNs, Firewalls, Wireshark, Network Security
SIEM, Security Tools:	-	Splunk, ELK Stack, QRadar, Nessus, Nmap, Metasploit
Incident Response & Compliance:	-	NIST SP 800-53/61/82, ISO 27001, GDPR, OWASP Top 10, CIS Controls, SANS Framework
Threat Intelligence & Cloud Security:	-	AlienVault OTX, VirusTotal, IoCs, AWS & Azure security, IAM
Systems & Security Administration:	-	macOS, Linux (CentOS, Ubuntu), Windows Server, Microsoft Intune, MDM, Microsoft 365, Active Directory (AD & AAD), Group Policy (GPO), PowerShell Scripting, Endpoint Security, Security Hardening, Backup & Recovery
Languages:	-	English (Fluent), Arabic (Fluent)

REFERENCES

Available Upon request