Eduards Korotkihs

First-Class BSc Cyber Security graduate with hands-on experience in threat detection, vulnerability assessment, and security monitoring through academic projects and a personal home lab. Proficient in Python, SIEM tools, and security frameworks. Seeking a Junior SOC Analyst position to apply technical skills in protecting organizational assets.

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Education Background

Kingston University – London, UK Sep 2022 – Jun 2025

BSc in Cyber Security & Digital Forensics (First Class | 1:1)

Copleston High School – Ipswich, UK Sep 2020 – Jun 2022

BTEC Level 3 in Information Technology (Distinction)
A Levels: Computer Science (A), Business Studies (B)
GCSEs: Maths, English, Other (4 and above)

Projects & Analysis

AI-Powered Phishing Detection System (Python, ML)

- Developed a machine learning system to detect phishing emails with 92% accuracy, reducing potential security risk in simulated corporate environments.
- Engineered dataset pipelines and feature selection, improving model detection rate by 15% through iterative tuning.
- Documented finding and presented actionable insights to improve email security policies.

Personal Cybersecurity Lab (SIEM Tools, VirtualBox)

- Designed and configured a personal cybersecurity lab using VirtualBox to simulate real-world networks and practice penetration testing.
- Implemented firewall rules, intrusion detection systems, and vulnerability scanning to identify and remediate simulated threats.
- Documented findings and created step-by-step guide for future experiments and learning, reinforcing analytical and problem-solving skills.

Academic Research: AI's Societal Impact & Security Ethics

- Researched and authored an A-graded academic report analysing the dual-use nature of AI and its future security implications.
- Evaluated ethical concerns specific to cybersecurity, including AI transparency ("black box" problem) and legal accountability for autonomous systems.
- Analysed AI's role in business efficiency and threat landscapes, demonstrating ability to assess technology from both operational and risk perspectives.

Datacom Cybersecurity Job Simulation (Forge)

- Investigated a simulated cyberattack, producing a detailed report with 5+ key recommendations to improve client cybersecurity posture.
- Conducted a full risk assessment, identifying critical vulnerabilities and mitigation strategies.

Personal Portfolio Website (HTML, CSS, JavaScript, GitHub, Git, Netlify)

- Developed and deployed a responsive portfolio website to showcase cybersecurity projects and technical capabilities
- Implemented front-end design to effectively present technical work to both technical and non-technical audiences
- Utilized GitHub Pages for secure hosting, demonstrating practical understanding of web deployment
- Serves as a central hub for my professional profile, featuring project demonstrations and technical write-ups

Technical Skills

Programming: Python, PowerShell, Bash, SQL, JavaScript, HTML/CSS

Security Tools: Metasploit, Nessus, Nmap, Wireshark, Burp Suite, Splunk, OpenVAS, tcpdump, Graylog

Cloud & Platforms: AWS (EC2, S3, IAM), Azure, VirtualBox, GitHub/Git

Security Frameworks: NIST CSF, MITRE ATT&CK, CIS Controls, ISO 27001

Cybersecurity Domains

Vulnerability Management: Assessment, Scanning, Prioritisation

Security Monitoring: SIEM, Log Analysis, Threat Hunting

Incident Response: Detection, Analysis, Containment

Network & Endpoint Security: Firewalls, EDR, Packet Analysis

Work Experience

Warehouse Operative – First Call Contract Services Ltd Apr 2024 – Sep 2025

- Streamlined order picking and packing, handling 500+ items weekly, reducing errors by 15% and improving shipment speed.
- Supported inventory management, identifying stick discrepancies and preventing potential losses.
- Adapted quickly to different client workflows, demonstrating flexibility and reliability across multiple assignments.

Director Assistant (Volunteer) – Student Project Jul 2025

- Coordinated a team of 8 actors and crew, ensuring efficient scene setups and smooth filming workflow.
- Supported technical operations, improving on-set productivity and project quality.

Supermarket Assistant – Waitrose & Partners Sep 2021 – Sep 2022

- Processed 200+ transactions daily with 100% accuracy, ensuring smooth customer experience.
- Assisted customers with inquiries and problem resolution, improving overall customer satisfaction.

Certificates

Datacom Cybersecurity Job Simulation – Forge Jul 2025

- Conducted simulated cyberattack investigation and risk assessment, delivering actionable security recommendations

AWS Academy Cloud Foundation – AWS Academy Jan 2025

- Gained foundational knowledge of AWS cloud services, security, and architecture principles

Python for Data Science and Machine Learning Bootcamp – Udemy Dec 2024

- Applied Python programming to security-relevant data analysis and ML concepts

Extracurricular

Cyber Society – Kingston University

- Participated in cybersecurity workshops, capturing hands-on experience in network defence, vulnerability scanning and incident response.
- Kept up to date with emerging threats and shared key findings with members, fostering a proactive cybersecurity mindset.