

Chris Selwood

ChrisSelwood.com • +44 7590 059679 • cselwood1806@hotmail.co.uk • in/chris-selwood/
London, UK

Profile

Results-driven, MSc Cyber Security student at the University of Westminster, dedicated to tackling modern security challenges. Actively enhancing expertise with additional studies for CCNA and CC certifications, focused on application security, threat detection, and information compliance and standards. Backed by over a decade of experience in data analysis and software engineering, with a proven track record of optimising systems. Adaptable, focused, and passionate about driving impactful solutions in cyber security.

Skills

- **Cyber Security Frameworks:** Proficient in applying PTES and threat modelling. Exposure with security guidelines like NIST, or ISO 27001.
 - **Application Security:** Hands-on experience with Burp Suite, Metasploit and penetration testing practices.
 - **Cryptography:** Advancing skills employing AES, RSA, SHA and forward-thinking protection.
 - **Network Security & Protocols:** Skilled in configuring secure network protocols, incident response, and vulnerability analysis, reinforced by ongoing CCNA and ISC2 CC training.
 - **Vulnerability Management:** Building skills in identifying, analysing and remediating vulnerabilities to enhance resilience.
 - **Process Automation:** Advanced experience in automating workflows and data processing using proprietary tools and VBA with Excel to improve productivity.
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Education

MSc Cyber Security

University of Westminster

London, UK

Sep 2024 - Present

- Mastering key frameworks and penetration testing tools: PTES, STRIDE, Burp Suite, Metasploit.
- Building skills in network configuration, vulnerability analysis, and secure protocol deployment.
- Focusing on advanced cryptography (AES, RSA) and blue-team defence strategies.

BEng Software Engineering - First-Class with Honours

University of Westminster

London, UK

Sep. 2014 - Jul. 2017

- Awarded High Achievement Scholarship (2015)
 - Dean's List (2015-2017)
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Experience

Operations Manager

Sainsbury's

London, UK

2022 – 2024

- Integrated strategies to boost sales by 10% through optimising availability and labour, reducing costs by 30% with planning measures and forecasting.
- Developed JIT inventory processes, reducing waste by 30% and simplifying inventory management strategies to accelerate processing speeds up to 40%.
- Ensured excellent 1% annual, stock, variance compliance for two consecutive years by implementing monitoring practices, training for staff and co-ordination across departments.

Operations Controller

Zapi UK

Telford, UK

2021 – 2022

- Initiated forecasting methods that reduced client delays by 75% through strategic planning and data-driven logistics management.
- Implemented KPI monitoring systems for driven business decisions, improving operational efficiency by 20% and cutting labour hours by 10%.
- Enhanced data management protocols with SAP Oracle and streamlined SQL queries, increasing data processing speed by 60%.

Data Engineer

Stef & Philips

London, UK

2020 – 2021

- Automated data entry processes by developing Salesforce models to co-ordinate with project management software, eliminating data entry by 100% and eliminating errors.
- Developed proprietary custom tools with ReactJS and Monday.com, halving administrative time and enabling real-time monitoring for clients and investors.
- Streamlined materials purchasing workflows, reducing overspend from 25% to 5% and reducing accounting, corrections processes by 50%.

Data Analyst

Sainsbury's

London, UK

2018 – 2020

- Optimised inventory levels and sales potential to raise availability KPIs to high 90%. Created waste reduction measures on perishable goods by 50%.
- Deployed monitoring tools to drive annual growth in problem areas, increasing 5% year-on-year with focused management and dedicated staff.

SQL Developer

Marks & Spencer

London, UK

2017 – 2018

- Transformed SAP functionality by designing and implementing custom SQL 'view' tables for the pricing department, reducing batch loading time by 50%.
- Automated global tax updates and code uploads in SAP, achieving a one-day weekly time saving, enhancing operational efficiency and accuracy.
- Provided SQL training and mentorship to colleagues, resulting in a 3x faster response time for resolving SAP errors and a 90% reduction in IT support calls for database issues.
- Led a high-impact project to identify and rectify historical tax discrepancies in billing, recovering £3 million in overspend across global franchise partnerships over six months.
- Collaborated with auditors to diagnose and correct SQL errors in batch processing, preventing over £100,000 in weekly accounting overspends globally.