Chris Selwood

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London, UK

Profile

Results-driven and innovative MSc Cyber Security student at the University of Westminster, dedicated to tackling modern security challenges. Currently enhancing expertise with additional studies for CCNA and CompTIA Security+ qualifications, focused on network security, threat detection, and defence strategies. Over a decade of experience in data analysis and software engineering, with a proven record of optimising systems across finance and retail. Adaptable, focused, and committed to making an impact in cyber security.

Skills

- **Cyber Security Frameworks**: Proficient in PTES, STRIDE, and DREAD methodologies for comprehensive threat assessment and mitigation.
- **Network Security & Protocols**: Skilled in configuring secure network protocols, incident response, and vulnerability analysis, reinforced by ongoing CCNA and CompTIA Security+ training.
- **Data Management & Analysis**: Expertise in SQL, SAP, and Excel for data processing, KPI monitoring, and strategic insights to drive operational efficiency.
- **Process Automation**: Advanced experience in automating workflows and data processes using tools like ReactJS, VBA and Excel to improve accuracy and productivity.

Education

MSc Cyber Security & Forensics
University of Westminster
London, UK
Sep 2024 - Present
- Mastering key frameworks: PTES, STRIDE, DREAD, and Attack Trees
- 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)

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.