

Antony Hyson Seltran

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WORK EXPERIENCE

Cyber Security Consultant | Freelance Consultant

Sep 2023 - Present

- Performed comprehensive risk assessments on 150+ applications and IT environments, identifying security vulnerabilities. The implementation of recommended controls reduced security incidents by 40% and strengthened data protection measures for over 1,000 users, contributing to the reliability of manufacturing IT infrastructure.
- Created and implemented security awareness training programs for 200+ employees, resulting in a 60% improvement in compliance metrics. Utilized effective communication methods to convey technical concepts to non-technical personnel while working collaboratively with cross-functional teams to enhance service delivery in operational settings.

Cyber Security Intern | Cyberhackz Pvt. Ltd

Mar 2022 - Apr 2022

Information Security Consultant Agency

- Facilitated incident response for 50+ cyber threats with 95% protocol adherence rate. Productively aligned systematic troubleshooting methodologies that minimized system downtime and maintained operational continuity.
- Through technical innovation, engineered an EXIF metadata analysis tool that reduced investigation time by 60%. Demonstrated proficiency in application development and integration with specialized hardware components, optimizing technical workflows in complex environments.

Front of House | The George Public House

Oct 2024 - Present

- Progressed through management within 3 months by demonstrating adaptability and a strong work ethic in fast-paced technical environments. Consistently displayed rapid skill acquisition when tackling new systems and operational challenges.
- Strengthened multitasking, interpersonal, and customer engagement skills in a part-time capacity. Effectively conveyed complex concepts in clear, concise terms for diverse stakeholders while building professional relationships through accessible and articulate communication.

Student Brand Ambassador | Amber Student

Aug 2023 - April 2025

- Increased brand awareness and engagement through strategic outreach and social media campaigns, contributing to impactful marketing initiatives and guiding teams toward desired outcomes.

Sales Partner | John Lewis & Partners

Nov 2023 - Jan 2024

- Drove significant holiday sales growth through tailored customer service and improved inventory management. Amplified communication and collaboration skills through direct customer engagement, working seamlessly with diverse teams to deliver practical solutions and support customers.

SKILLS & CERTIFICATIONS

- Technical Proficiency:** Experienced in incident response, threat hunting, security monitoring, and digital forensics. Proficient with SIEM Tools, Wireshark, Burp Suite, Nessus, Metasploit, IDS/IPS, and Firewalls. Skilled in programming languages such as Python, PowerShell, Bash, and C++, with experience in Windows, Linux, and macOS environments. Holds certifications including Cisco – Introduction to Cybersecurity and Ethical Hacker.
- Security & Compliance:** Knowledgeable in AWS and Azure Security Monitoring, and Security Compliance (ISO 27001, GDPR). Certified in AI Governance and PrivacyOps by Securiiti.
- Problem-Solving & Collaboration:** Exhibited critical thinking, problem-solving abilities, effective team collaboration, and strong attention to detail. Participated in The Cyber Institute – OSINT Workshop and virtual experiences with Mastercard, AIG, and Datacom focusing on cybersecurity job simulations.

EDUCATION

University of Exeter

Exeter, UK

Master of Science in Cybersecurity Analytics

- Developed and evaluated a network anomaly detection system using machine learning models (Random Forest, MLP, XGBoost, etc.) to effectively detect diverse cyber threats across multiple benchmark datasets (CICDDoS2019, CICIDS2018, CICIDS2017).
- Implemented data preprocessing and hyperparameter tuning techniques to optimize model performance, achieving high accuracy and generalization in identifying anomalies, including DDoS and zero-day attacks.

Jeppiaar SRR Engineering College

Chennai, India

Bachelor of Engineering in Computer Science and Engineering

- Led a team to build a hybrid mobile app, Product Availability Checker, improving user engagement by 30% with cross-platform compatibility and 95% positive feedback.
- Initiated the IBM Project to automate inventory workflows for retailers, optimizing efficiency by 30% and reducing human errors by 35%.
- Coordinated a Mini Project on Solana Blockchain Voting, achieving 1000+ TPS and designing a secure, decentralized voting protocol with a 3-member team.