

CONTACT

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EDUCATION

Sept 2022 - May 2025

UNIVERSITY OF KENT

- BSc Hons Computer Science
Cyber Security (1st)

Sept 2019 - April 2022

SUFFOLK ONE SIXTH FORM COLLEGE

- ICT Practitioners Diploma (D*D*D)

TECHNICAL SKILLS

PENETRATION TESTING TECHNIQUES

- Reconnaissance, Enumeration,
Vulnerability Scanning, Exploitation,
Post-Exploitation, Report Writing

TOOLS & FRAMEWORKS

- Kali Linux, Burp Suite, Nmap, Wireshark,
Metasploit, Scapy, Docker, Nginx,
GitHub, VMware, Elastic Common
Schema

PROTOCOLS

- TCP/IP, DNS, SSH, SMB, HTTP/HTTPS,
FTP, ICMP, RDP

PROGRAMMING LANGUAGES

- Python, Bash, C#, Java, PHP, HTML,
CSS, SQL/Postgres

STANDARDS & FRAMEWORKS

- ISO/IEC 27000, 27001, 27002, 27005,
NIST Cybersecurity Framework, Cyber
Essentials, GDPR, CIS Controls

CERTIFICATIONS

- Google Social Media Marketing
- BT Work Experience
- Code Academy

DANIEL HOLECEK

IT SUPPORT & CYBER SECURITY GRADUATE

ACADEMIC PROJECTS AND TECHNICAL WORK

Network Traffic Analyser Sept 2024 - May 2025

- Engineered a machine learning-based traffic analyser with 98-100% attack detection rates using Random Forest classification and multi-window temporal analysis.
- Developed real-time detection for port scanning, ping flooding, and malformed packets processing 300+ packets/second.
- Created comprehensive feature extraction pipeline converting raw network traffic to 41 standardised security features.
- Built with Python, Scapy, scikit-learn, and pandas, featuring a terminal interface with color-coded threat visualisation.

Wireless IoT Plant Monitoring Device Jan 2025 - Mar 2025

- Designed a wireless IoT device that monitors soil humidity levels with 95% accuracy, automating irrigation through real-time notifications using IFTTT.
- Implemented real-time data gathering and controlled a water pump to automate plant irrigation based on soil conditions.

WORK EXPERIENCE

BeeSec May 2025 - Aug 2025

Penetration Testing Intern (Technical security Support)

- Executed penetration testing tasks such as reconnaissance, enumeration, and vulnerability assessment.
- Confident using tools such as Burp Suite, Nmap, and SSH within Kali Linux environments.
- Currently preparing for the CREST Practitioner Security Analyst certification with a focus on real-world attack methods and testing methodologies.

The iT Store Sept 2024 - Mar 2025

Apple Product Specialist & Repair Technician (1st /2nd Line support)

- Delivered exceptional customer service, advising on over 20 Apple products weekly, achieving a 98% customer satisfaction rating.
- Increased store sales by 15% through effective merchandising and creative store presentation, aligning with Apple's brand standards.
- Maintained rigorous quality control and administrative processes, ensuring all repairs met high standards and customer expectations.
- Performed diagnostics and repairs on over 10 Apple devices weekly, reducing repair turnaround time by 15%.

University of Kent Aug 2024 - Sept 2024

Clearing Hotline Operator

- Processed over 50 Clearing applications daily with 97% accuracy, adhering to university protocols and UCAS policies.
- Collaborated with university teams, including Accommodation, pre-CAS, and Student Union, to ensure prospective students were well-informed and supported.
- Responded to over 50 queries daily from prospective students, providing accurate information and support to enhance the decision-making process.

BT Oct 2020 - Nov 2020

Work Experience

- Gained experience using Elastic Common Schema (ECS) to structure and analyse log data.
- Delivered a group presentation on ECS to BT engineers.
- Shadowed cyber and software teams to understand logging, monitoring, and security operations.