RIA KARAKASIS

Cyber Security Analyst

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PROFESSIONAL SUMMARY

Cyber security professional with a Bachelor of Cybersecurity (Distinction), currently working in a technical support and analysis role identifying and triaging security vulnerabilities, investigating incidents and risks through to root cause, and administering application access and configuration across a live production environment. Capable across network and endpoint analysis, log and traffic investigation, vulnerability assessment and structured risk rating, supported by scripting and automation and confident administration of multiple operating systems. Grounded in recognised control frameworks, with a proven ability to turn technical findings into clear, prioritised recommendations and reporting for technical teams and executive stakeholders alike.

TRANSFERABLE SKILLS

Security Analysis and Threat Detection
Hands-on experience capturing and analysing network traffic and endpoint event telemetry to identify anomalous activity, privacy leakage and exploitable weaknesses, with practical exposure to building detection logic around security-relevant events and mapping observed behaviour to recognised adversary techniques.

Security Frameworks, Policy and Governance
Applies recognised security control and threat frameworks to assess control coverage, rate likelihood and impact, and translate framework requirements into practical policy, standards and prioritised remediation roadmaps that business owners can actually action.

Incident Handling and Procedural Discipline
Experience triaging, investigating and resolving defects, incidents and risks raised by stakeholders in a live production environment, supported by disciplined handling of sensitive data and accurate, auditable documentation, the process fidelity and evidence integrity that underpin effective security operations.

Automation and Technical Proficiency
Scripts and automates routine security tasks, including log collection, parsing of security events and querying large datasets for indicators of compromise, supported by administration across multiple operating systems and the build and upkeep of isolated virtual environments for controlled security testing.

Communication and Stakeholder Reporting
Adept at translating complex technical findings into clear risk narratives for mixed audiences, producing formal assessment reports, dashboards and presentations that give leadership visibility and support risk-informed decision making, alongside front-line experience explaining policy and resolving issues for non-technical users.

Adaptability and Problem Solving
Proven ability to pick up unfamiliar tooling, adjust approach as scope and priorities shift, and coordinate across vendors, internal teams and external stakeholders to deliver outcomes, demonstrated across a live university security assessment, a production support function and self-directed lab projects.

TECHNICAL SKILLS

Security Tools: Wireshark, Kismet, Aircrack-ng, Bettercap, WiGLE API, Microsoft Defender
Frameworks: ASD Essential Eight, CIS Critical Security Controls, MITRE ATT&CK
Programming & Scripting: Python, PowerShell, SQL, Java, JavaScript, TypeScript, React, HTML, CSS
Platforms & Systems: Windows 10 / 11, Linux (Kali), macOS, Raspberry Pi, SSH, Google Workspace
Collaboration: Jira, Confluence, Microsoft 365, Teams

EXPERIENCE

System Support Analyst | 3D Safety Systems **Apr 2026 - Present**
Construction safety technology provider delivering site induction, compliance and workforce management software.

- Identify, triage and document security vulnerabilities and defects across 3D Safety Systems' web and mobile applications, assessing exploitability and business impact and tracking remediation through to closure.
- Serve as an escalation point for incidents, issues and risks raised by clients and internal stakeholders, prioritising by severity and maintaining an auditable record of investigation and resolution.

- Administer application configuration and user access for incoming construction projects, provisioning accounts and permissions and maintaining accurate change records.
- Reproduce and investigate reported issues across web, mobile and Windows environments, using application logs and user activity records to establish root cause.
- Handle sensitive workforce and site compliance data on behalf of construction clients, applying disciplined data handling and record keeping in a regulated industry.
- Coordinate with third party vendors and delivery partners across concurrent projects, tracking dependencies and translating technical status for non-technical audiences.

Cyber Security Analyst | Loaded Candy **Apr 2025 - Mar 2026**

- Monitored Microsoft Defender alerting across endpoints, triaging detections and escalating or remediating as required.
- Supported administration of Google Workspace, maintaining identity and access management policies and least privilege permissions across user accounts.
- Configured and maintained DMARC and DKIM records to authenticate outbound email and reduce the risk of domain spoofing and business email compromise.
- Hardened the company website and secured the customer relationship management (CRM) platform, reviewing configuration and access controls to reduce the external attack surface.
- Designed and ran simulated phishing campaigns across the employee base, using the results to target follow up training and ongoing cyber awareness communications.

Sales and Customer Service Officer | Loaded Candy **Jan 2024 - Mar 2025**

- Built strong customer and stakeholder relationships driving repeat business, and liaised with retail managers to secure product placement in Chemist Warehouse.
- Grew sales through personalised product recommendations and proactive customer engagement, consistently exceeding KPIs across retail and event environments.
- Supported marketing initiatives and brand activations, including live product demonstrations and representing the company at the Australian Fitness Expo (Sydney and Wollongong), where pop-up inventory sold out.

Cyber Security Analyst | Macquarie University **Feb 2024 - Nov 2024**

- Captured and analysed over 80,000 IEEE 802.11 frames using Wireshark, Kismet, Aircrack-ng and Bettercap across Kali Linux and Raspberry Pi platforms.
- Identified SSID probe request leakage and device fingerprinting weaknesses, using the WiGLE API to geolocate broadcast SSIDs and demonstrate that roughly 1 in 6 observed devices lacked MAC address randomisation.
- Assessed likelihood and impact of each finding and mapped mitigations to the ASD Essential Eight, CIS Critical Security Controls and MITRE ATT&CK.
- Recommended practical controls including enforced MAC address randomisation, SSID broadcast hygiene and targeted user awareness guidance.
- Produced a formal technical report and delivered a stakeholder presentation setting out findings, risk ratings and a prioritised remediation roadmap.
- Delivered the engagement end to end against the live Macquarie University campus network, scoping the assessment and agreeing objectives with the project sponsor.

PROJECTS

Ria's SIEM: Python SIEM Proof of Concept **Python | Flask | SQLite**
github.com/ria-kara/Rias-SIEM

- Designed and built an end-to-end SIEM proof of concept: a Windows agent that collects Security, System and Application event logs, a Flask API server that ingests and indexes them into SQLite, and a web dashboard for querying and visualising events.
- Implemented filtering and full-text search across source host, Event ID, log type, severity and time range, supporting detection use cases such as failed logon activity, new process creation and service installation.
- Documented the platform's security limitations, including the absence of authentication, TLS, input validation hardening, rate limiting and log integrity verification, and specified the controls required before production use.

EDUCATION

Bachelor of Cybersecurity | Macquarie University, Distinction **2022 - 2025**

Higher School Certificate | Ryde Secondary College, ATAR 98.5 **2021**

LANGUAGES

English | Greek