

SUMMARY

Award-winning cybersecurity engineer with deep technical expertise in penetration testing, red team/blue team operations, and advanced threat simulation in complex, custom-built environments. Extensive experience in hands-on security research, advanced threat detection, and proactive defense strategies for safeguarding critical infrastructure and intellectual property. Skilled in malware reverse engineering, exploit development, and designing robust security architectures to mitigate corporate espionage risks.

SKILLS & TALENTS

- Strong leadership and communication skills
- Over twenty-five years of solid experience in cyber security
- Broad and deep technical & security background
- Modern automation and cloud talents, but old school enough to pivot efficiently
- Agile enough to think creatively about complex engineering, architectural solutions - Respectful of separation of duty & checks/balances as foundational pillars
- Understands the value of a trained eye, and a long track record of excellent work
- Former consultant and small business owner, worn all the hats

RECENT EXPERIENCE

Principal Cyber Security Engineer, TBD, 06/2023 to present

- Security research and exploit development across infrastructure, including red team simulation attacks and penetration testing.
- Planned the creation of internal Security tools
- Technical security assessments, code reviews, and vulnerability.
- Led cross-functional partnerships to address customer requirements, organizing large-scale analysis efforts across multiple departments.
- Implemented process and technology improvements within legacy applications and infrastructure.
- Investigated security needs, recommended solutions, and monitored information security improvements.
- Maintained executive-level visibility, interfacing with application support, engineering operations, finance, privacy, and risk management teams.
- Collaborated with Engineering & Operations teams to address vulnerabilities found via PSIRTs, scans, or breaches.
- Demonstrated advanced expertise in network and information security, including firewall policy design, SSL certificate management, penetration testing, incident response and vulnerability analysis.

Rhiannon Williams
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Owner, Emergency Response Security Group, 04/2014 to present

- Undisclosed Clients
 - Threat Intelligence program
 - Vulnerability Management
 - Incident Response, Phishing/Spam
 - Threat Analysis/Hunting/Research
 - Public Record Investigations
 - Incident Response, Forensics
 - Automation & Architecture
 - Log Aggregation/Siem, Open Source Intelligence
 - Configuration/Audits/Technical Remediation
 - Open Source Intelligence
 - Security Research
 - Corporate Security
 - Corporate Espionage Investigation

Cyber Security Specialist, United States Air Force, 01/2022 to 02/2023

- Public Job Description (unclassified, DOD Civilian, GG-12)
 - Conduct cyber defense analysis and security investigations on complex networks
 - Penetration testing and assessments of mission partner defense capabilities on complex networks and system architectures.
 - Conduct missions to detect and remove unauthorized, malicious, or adversary presence from operational systems, networks, or enclaves in order to ensure the reliability and availability of mission-critical capabilities.

Senior Security Analyst, 2k Games, 07/2018 to 08/2019

- Threat Analysis/Hunting
- Threat Research, Network Security, Investigations
- Incident Response, Forensics
- Malware/Binary Analysis
- Penetration Testing
- System Compromise
- RCA, Forensic Timelines
- Exploits/Vulnerabilities
- Automation & Architecture
- Phishing/Spam, Log Aggregation/Siem

Security Analyst 4, Costco Wholesale, 2017 to 2018

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- Contribute to Red Team initiatives.
- Research and present threats to leadership
- Author & maintain detailed Threat Analysis/Security Reviews
- Champion in privacy space, GDPR

History

- Lead Security Systems Engineer, OwnerIQ, 2016
- Senior Devops Engineer, Security Focus, New Context, 2015
- Sr. Operations Engineer, Security Focus, Message Systems, 2015
- Senior Devops Engineer, Visa, 2014
- System Administrator, Teksystems/Nintendo, 2013
- System Administrator, TekSystems/Disney, 2012
- Linux System Administrator (Security Focus), Inmotion Hosting, 2011 → Sr Systems Technician, Greensoft Solutions, (PCI Compliance), 2009 to 2011
- ISP Technician/ Administrator, Various, 1999 to 2008

AWARDS, VOLUNTEER EXPERIENCE & EDUCATION

United States Airforce, April 2022

- Class Top Contributor

COMPTIA, 2022

- Security+ CE, 8th Edition

University of Washington, Private Investigation, 2019-2020

- Guest Speaker , Cyber Security Techniques, Graduation

Chicktech, Security, 2017

- General volunteer work, assisted in training teenage girls in penetration testing

Girls Who Code SF, Presentation on Dev Security, 2015

- Advised on development environment best practices

GDPR Training, 2017

- IAPP GDPR Training

Azure Security, 2017

- Microsoft Azure Security Training (onsite)

AWS Fundamentals, 2013

- Amazon Web Services Training (onsite)

Honors Essay Award, 2004

- Stephens College