



SUMMARY

Responsible, honest, passionate, and hard working network security professional with strong interests in technology and business; qualified and actively seeking employment.

PROFESSIONAL EXPERIENCE

2015 - 2017

Senior Information Security Consultant - Bishop Fox, New York, NY

Communicated complex technical concepts to stakeholders of various backgrounds. Analyzed client issues and created practical solutions. Lead risk assessments, gap analyses, and vendor security assessments. Worked on long-term strategic projects with Fortune 50 companies. Analyzed requested evidence and interviewed stakeholders to identify gaps. Leveraged CIS 20, NIST 800-171, NIST 800-53, and PCI DSS 3.0, and HIPPA Security Rule frameworks. Drafted executive roadmaps, reports, and outbrief presentations. Optimized and formalized existing internal processes.

Lead a two-person, six month, vulnerability management engagement for a 6.2 million customer ISP. Conducted HIPPA Security Rule audit for leading health insurance agency. Managed three month vendor security assessment for a multinational technology company. Lead a team of five on a access control assessment using client's agile process and provided complete transparency on project progress. Oversaw a team of five on a complex multi-business unit assessment for a single client. Interfaced with potential clients to communicate security assessment processes during pre-sales meetings. Automated manual data analysis and manipulation process from five days to less than five minutes. Reviewed business contracts to identify potential legal risk due to known technical gaps. Created sales presentations, scoping templates, detailed delivery guides, dynamic reports, outbriefs, and templates for Vulnerability Management and CIS 20 engagements. Brought potential client to consultancy due to outstanding work on another

2013 - 2015

Senior Penetration Tester - World Wide Studios - Sony PlayStation, San Diego, CA

Assessed all first party published titles with online functionality across America, Europe, and Japan. Conducts security assessments on titles, internal and mobile applications, and backend infrastructure. Coordinated all assessment related activities including meetings, dates, data collection, escalation and outbriefs. Maintained good working relationships with studio producers, developers, and respective system administrators. Kept up to date with latest PlayStation hacking tools and methodologies. Conducted vulnerability assessments, penetration tests, and architecture reviews. Managed vulnerability discovery for 9,000+ hosts. Coordinated vulnerability mitigation, remediation, and acceptance efforts through tickets within JIRA and WebRT trackers along with formal documents.

Created internal web presence through Sharepoint site, JIRA tracker, Confluence wiki, and DevTrack project. Centralized and pruned all existing information into filers, website, wiki, and project. Identified and maintained target list for internal and external assets. Deployed Tenable Security Center with assistance from Systems and Network engineering teams. Designed department brand and identity and created tailored instructional Security Center videos in conjunction with internal L&D team. Established thorough and well documented assessment methodology. Communicated processes through formal documents, presentations, websites, and wiki's. Identified systemic issues, formalized remediation actions, and raised issues to management regularly.

2013 - 2013

Senior Penetration Tester - SRA International, Rosslyn, VA

Lead team of 2-5 to perform penetration, vulnerability, and red team assessments, attacking a diverse range of international classified and unclassified hosts and operating systems. Emulation of current adversarial threats through commonly available tools and methodologies. Identification of vulnerabilities, weak security controls, and potential mitigations for the federal client. Evaluated configuration of target Linux, Unix, and Windows systems. Contributed in technical post-review report generation for federal, contractor staff, and management by contributing raw technical data summaries of specific items and providing in-depth analysis of all information gathered. Provided direction for future assessments.

Organized, restructured, and implemented more efficient team processes and methodologies. Defined terms within team and refocused efforts for better results. Created scoping metrics for site assessment selection.

2010 - 2013

Cyber Security Specialist - Unwin Company, Germantown, MD

Administered networks and Linux/Unix systems of penetration testing lab. Performed penetration testing in teams of 3-6, attacked a diverse range of classified and unclassified hosts and operating systems using such tools as Nessus, SAINT, Netsparker, Metasploit, and Nmap. Evaluated configuration of target Linux, Unix, and Windows systems. Assisted in technical post-review report generation for federal and contractor staff and management by contributing raw technical data summaries of specific items and providing in-depth analysis of all information gathered. Created and managed virtual attack platforms as a part of laptop image management. Directed software and hardware purchases for penetration testing team (\$250,000+).

Presented technical demonstrations and briefings to U.S. congressmen, top-level DOE officials, and DOE security conference attendees. Completely reimplemented an existing BSD firewall and bridge with a streamlined ruleset syntax designed for maximal efficiency. Excised unnecessary equipment, consolidated hardware, and rewired the network and power for the entire internal lab. Redesigned RSA SecurID appliances system to bolster security. Consolidated hardware via hardware clustering and virtualized 90% of the lab by implementing VMWare ESXi.

EDUCATION

2007 - 2009

University of Advancing Technology - Tempe, AZ

Bachelor of Science in Software Engineering, Network Security

Undergraduate Thesis - Proactive Malware Prevention Software

RELATED PROFESSIONAL DEVELOPMENT

Co Authored "The Hacker's Guide to OS X - Exploiting OS X from the Root up" Syngress		2012
Certified Information Systems Security Professional [CISSP]		2012
NSA Certified Junior Blue Team Analyst		2011
Certified Ethical Hacker [CEH]		2010
DEF CON 25	Vendor Department Lead	2017 - Present
DEF CON 22	Speaker	2014
Black Hat USA	Senior Technical Conference Associate	2008 - Present
DEF CON 16 & 17	Mystery Box Challenge Winner	2008 - 2009