

## PROFESSIONAL SOCIAL ENGINEER

### Professional Summary

#### Skills

- Scripting: Bash, VBScript, Python, and Ruby, PowerShell
- Systems: Windows, Linux, Active Directory, SQL Server
- Trend forecasting
- Strong critical thinking capabilities
- Providing briefings
- Risk Assessment, Vulnerability Assessment, Threat Assessment
- OSINT Targeting
- Cognitive Interviewing, Nonverbal Communication, Body Language
- Penetration Testing, Ethical Hacking, Social Engineering
- Behavior Analysis
- Threat Detection
- Deception Detection
- Fraud Detection
- Data Collection and Analysis
- Active Directory, Materials, Terminal Server
- AD, Exchange, Training materials
- Air Force, Windows, Trend
- Automation, Migration, Troubleshooting
- Bash, Enterprise, Upgrade 1
- C, Network, VBScript
- Consulting, Operating System, Verbal communication
- Sc, Policies
- Critical thinking, Publications
- Clients, Python
- Czech, Quality
- Data Collection, Quality assurance
- Debugging, Red Hat
- DNS, Reporting
- Documentation, Risk Assessment
- Email, Risk Management
- Engineer, Router
- English, Scanning
- Forecasting, Servers
- Functional, Scripting
- Hiring, Systems Management Server
- HR, SMS
- IBM, SQL Server
- LDAP, TCP/IP
- Linux, Technical support
- Managing, Phone

#### Work History

Professional Social Engineer , 10/2011 to 08/2021

Aecom Technology Corporation

- Capitalize on Open-Source Intelligence techniques (OSINT) to discover vulnerabilities and adversarial attack vectors increasing customer awareness of potential security risks. Craft custom penetration tests for customers using impersonation, pretexting, physical breaching, phone (vishing), and email (phishing) methods. Avert disastrous hiring decisions by assessing credibility and deception of candidates using cognitive interviewing, behavior analysis, non-verbal communication, and emotional intelligence; ultimately saving millions of dollars in potential HR costs. Generate detailed intelligence products for clients to make informed decisions and take actions based on risk assessments.

Subject Matter Expert III , 03/2020 to 08/2021

Svb Financial Group

- Engineer for Automated Remediation and Asset Discovery (ARAD) program (Tanium) and consulting engineer for Assured Compliance Assessment Solution (ACAS) program (Tenable Nessus and Tenable.sc). Lead penetration test against Tanium appliance product uncovering previously undiscovered/undisclosed vulnerabilities.
- Partnering with vendor for resolution and mitigation strategies by providing prescriptive solutions. Expanding and maintaining United States Cyber Command (USCYBERCOM) directed vulnerability scanning for Air Force Information Network (AFIN) on both Non-Classified Internet Protocol Router Network (NIPRNet) and Classified Secret Internet Protocol Router Network (SIPRNet) using Red Hat Enterprise Linux, Satellite Server, Tenable Nessus, and Tenable.sc. Assist in managing Engineering support team as Subject Matter Expert (SME) for ARAD and ACAS. Produce data-driven products for executive briefings.

Sr. Cyber Security Engineer , 02/2019 to 03/2020

Leidos Holdings Inc.

- Conduct risk and security assessments with Air Force Materiel Command Life Cycle Management Center (AFLCMC) for the Rapid Cyber Acquisition (RCA) Authorizing Official (AO) on programs such as Kessel Run, Counter-Small Unmanned Aircraft Systems (C-sUAS), and Enterprise IT as a Service (EITaaS). Craft executive briefings, timelines, and design reviews for system development in accordance with cybersecurity regulations and policies. Review system security documentation to identify potential security weaknesses, recommend improvements to address vulnerabilities, implement changes, and document security-relevant changes. Work with Department of Defense (DoD) Risk Management Framework (RMF) and various National Institute for Technology Standards (NIST) Special Publications (SP).

Sr. Systems Engineer , 03/2016 to 02/2019

Leidos Holdings Inc.

- Pioneered and built USCYBERCOM directed vulnerability scanning for the AFIN on both NIPRNet and SIPRNet using RHEL, Satellite Server, Tenable Nessus, and Tenable.sc. Devised and established monthly patch procedures including STIG and SCAP automation via bash and python scripting. Crafted and implemented a bespoke solution for USAF to upgrade 1,000 servers remotely at 250 bases using existing

resources, and saving an estimated \$10M.

Sr. Systems Engineer , 10/2013 to 03/2016  
Amazon.Com, Inc.

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Embedded Systems Engineer , 10/2015 to 03/2016  
Magnite, Inc.

- Vulnerability assessment and remediation, compliance, and automation. Collaborate with overall lab organization and technical division staff. Consult on infrastructure design and implementation as needed. Assist in cross-platform vulnerability remediation process as pseudo-3rd-tier support to technical division system administrators. Identify systemic, lab-wide technical issues and work across various silos within the organization to help address them. Construct Tenable.sc scan queries and reporting dashboards for division system administrators. Construct focused IBM BigFix/IEM queries to support operations across departments.

Software Development Engineer in Test , 08/2010 to 10/2011  
Coretelligent, Llc

- Refined System Center Configuration Manager 2012 (SCCM 2012) Software Updates Management (SUM) and Operating System Deployment (OSD), as well as the User State Migration Tool (USMT) by finding and software bugs. Strengthened the product by using multiple methods of quality assurance - functional, negative, scenario, stress, performance, scalability, localization, and vulnerability testing.

Sr. Support Escalation Engineer , 08/2008 to 08/2010  
Microsoft Corp

- Resolved technical support issues for customers maintaining and deploying Systems Management Server 2003 (SMS 2003) and SCCM 2007. Enhanced team with specialized knowledge to resolve issues with OSD, USMT, SUM, System Center Mobile Device Manager 2008 (SCMDM). Advanced team by leading training on SoftGrid & Application Virtualization (App-V) technologies.

Sr. Service Account Manager , 02/2006 to 08/2008  
Microsoft Corp

- Liaised between subscription-based customers and Microsoft EHS organization. Spearheaded project to integrate data from Active Directory and Exchange to Linux and Postfix. Coordinated beta programs resolving customer issues, identifying bugs, and creating training and product documentation materials for the support engineering team.

Escalation Engineer , 11/2004 to 02/2006  
Microsoft Corp

- Crafted detailed Windows bug crash (bluescreen) analysis utilizing debugging tools and analyzing source code to resolve problems and develop hotfixes for customers. Collaborated with Project Managers to identify tasks, resources, and target dates to complete assigned projects on time and to meet high-quality demands. Instrumental in documenting developed components and creating training materials and support documentation.

Support Engineer & Technical Lead , 02/1999 to 11/2004  
Microsoft Corp

- Resolved technical support issues for Fortune 100 companies by troubleshooting issues pertaining to: server performance, hangs, application crashes, GPO, LDAP, DNS, TCP/IP, FRS, AD replication, User Account lockouts, Public Key Infrastructure (PKI), and User Profiles. Interviewed, hired, and trained 25 new Support Engineers for the Canada support center in Mississauga, Ontario. Stabilized a \$6B Terminal Server farm for a Fargo, North Dakota bank.

## Education

Master of Science (MSc) : Communication, Behavior and Credibility Analysis , 01/2017

Manchester Metropolitan University - City , State  
With Merit (Magna Cum Laude)

Minor : Management Information Systems , 01/1998

Washington State University - City , State

Bachelors of Arts : Social Sciences, Management Information Systems , 01/1998

Washington State University - City , State

## Work History

Support Engineer & Technical Lead , 02/1999 to 11/2004

Company Name

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Languages

CzechEnglish

Skills

- Scripting: Bash, VBScript, Python, and Ruby, PowerShell, Systems: Windows, Linux, Active Directory, SQL Server, Trend forecasting, Strong critical thinking capabilities, Providing briefings, Risk Assessment, Vulnerability Assessment, Threat Assessment, OSINT Targeting, Cognitive Interviewing, Nonverbal Communication, Body Language, Penetration Testing, Ethical Hacking, Social Engineering, Behavior Analysis, Threat Detection, Deception Detection, Fraud Detection, Data Collection and Analysis,
- Active Directory, AD, Air Force, automation, Bash, C, consulting, sc, critical thinking, clients, Czech, Data Collection, debugging, DNS, documentation, email, Engineer, English, forecasting, functional, hiring, HR, IBM, LDAP, Linux, managing, materials, Exchange, Windows, Migration, Enterprise, Network, Operating System, policies, Publications, Python, quality, quality assurance, Red Hat, reporting, Risk Assessment, Risk Management, Router, scanning, servers, Scripting, Systems Management Server, SMS, SQL Server, TCP/IP, technical support, phone, Terminal Server, training materials, Trend, troubleshooting, upgrade 1, VBScript, verbal communication