JOSHUA SMITH

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ABOUT ME

As a seasoned Information Security professional with 15 years of comprehensive experience across all security domains, my specialization lies in proactively defending against evolving threats by staying abreast of the latest trends. I take pleasure in collaborating with and mentoring junior professionals, assisting them in identifying their strengths and weaknesses.

SKILLS

KNOWN FRAMEWORKS AND TOOLS

Splunk / Mitre ATT&CK (Attack) / NipperStudio / BurpSuite Pro / Metasploit Framework / PowerShell Empire / Open Web Application Security Project (OWASP) / IDAPro / Ghidra

LANGUAGES

Python / Powershell / Ruby on Rails

EXPERIENCE

SECURITY CONTENT ENGINEER

Sept 2020 – Jan 2024

DEVO Technology, Inc.

- Initiated exploit research involving the collection of logs and identification of signatures to generate alert content for the SIEM.
- Led the development of a Flask-based Python application to streamline the detection creation process for the team, automating the input of relevant information and outputting the necessary files for ingestion into Devo
- Crafted an extensive array of detections for various CVEs, showcasing a proficiency in identifying and mitigating vulnerabilities through strategic and effective security measures.

SENIOR SECURITY CONSULTANT

Dec 2019 – March 2020

Syntasa Corporation

- Improved overall security posture of multiple geographically dispersed locations through comprehensive risk assessments and targeted security measures
- Collaborated closely with team members to enhance processes and procedures, resulting in increased productivity upon implementation

CONTAINER SECURITY SPECIALIST

Sept 2019 – Dec 2019

Ingenium Consulting, LLC

- Deployed docker containers Enterprise wide
- Collaborated with teams over multiple disciplines to ensure a security centric approach

SENIOR PENETRATION TESTER   March 2016 – Sept 2019

Pathoras / ProAptiv Corporation
- Executed penetration tests on clients' VoIP system, uncovering vulnerabilities and fortifying security measures
- Mentored junior staff, offering training and career guidance to foster professional development

SENIOR CYBER DEFENSE SPECIALIST   Aug 2011 – Mar 2016

Mantech International
- Collaborated with multiple USG components to perform offensive technical operations

LEAD CYBER FORENSIC SPECIALIST   July 2009 – Aug 2011

BAE Systems Inc.
- Performed forensic analysis of various media using FTK and EnCase

INFORMATION SYSTEMS SECURITY OFFICER   Nov 2005 – July 2009

Perot Systems Government Services Inc.

- Led the review process in ensuring each SSP was complete and in compliance

EDUCATION

GEORGE MASON UNIVERSITY   Jan 2003 – Jan 2008

Fairfax, VA
B.S. / Information Technology