Benjamin Wolf

Education

M.Sc. in CyberSecurity 2017
Liberty University, Lynchburg, VA *GPA: 3.85*

B.Sc. in Management Information Systems 2011
Penn State University, Harrisburg, PA *GPA: 3.5*

Certifications

Google Professessional Cloud Security Engineer (PCSE) *2024*
SANS GIAC Web Application Penetration Tester (GWAPT) *[Score: 98%]* *2023*
SANS GIAC Security Essentials (GSEC) *[Score: 96%]* *2022*

Experience

UPS InfoSec Vulnerability Management, Remote
SR. PENTEST ANALYST *August 2022 – Present, Full-time*

- Conducted web application and network penetration testing to identify and remediate security vulnerabilities.
- Processed bug bounty submissions and collaborated with app development teams to help them understand and address the reported vulnerabilities.
- Developed tools to automate penetration testing checks, simplifying and enhancing the efficiency of the testing process.
- Coordinated third-party penetration tests between Trustwave Spiderlabs and application development teams.
- Contributed to the development and refinement of the CrowdStrike technical and management tabletop exercises.

PENTEST ANALYST *January 2022 – August 2022, Full-time*

- Assisted application teams in identifying, understanding, and remediating vulnerabilities in their applications.
- Onboarded applications into the Invicti web application security testing tool and evaluated scan results.
- Performed manual vulnerability assessments on applications that were not suitable for automated scanning.
- Ensured compliance with policies and standards outlined in the UPS Standard Practice Manual (SPM).

UPS Corporate IE EUD, Remote
SENIOR WEB APPLICATION DEVELOPER *February 2019 – January 2021, Full-time*

- Made significant contributions to the P2101 – Peak Helper Track Improvements Charter; developed the internet-facing HelperTrack REST API and led the security testing and mitigation efforts, resulting in a clean Netsparker scan.
- Established a schema-based access control security model for MS SQL Server databases to better enforce the principles of least privilege, segregation of duties, and need-to-know.
- Identified vulnerabilities in iGate and other web applications and implemented preventive and mitigating measures.
- Contributed to updating code assessment line items to include secure coding practices.
- Implemented Azure-based authentication in the iGate Web System.

Technical Skills

Operating Systems: Kali Linux, Microsoft Windows, Windows Server/IIS, Unix/Linux, Android, iOS

Applications: Burp Suite Pro, Postman, Insomnia, OWASP Zap, Invicti, Nmap, Virtual Box, NetCat, SSLScan, K8s, Wireshark, Metasploit, and various other security testing and development tools

Languages: Python, JavaScript, PowerShell, HTML, CSS, SQL, LaTeX

Personal Achievements

Erie Marathon *[Time: 2:51]* *2022*
Boston Marathon *[Time: 2:55]* *2023*
Boston Marathon *[Time: 2:58]* *2024*