Jacob Genia

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Summary

Seasoned pentester with a proven track record in identifying vulnerabilities and securing web applications. Proficient in conducting security assessments, developing targeted attack strategies, and delivering actionable recommendations/remediations. Adept at utilizing cutting-edge tools and techniques to safeguard against emerging cyber threats. Skilled communicator and collaborator.

Experience

NetSPI | MN, Minneapolis
Security Consultant | 01/2023 - Present

- **Day to day**: Dedicated Security Consultant for Amazon Web Services and Amazon. Conducting penetration tests, and collaborating with internal teams to address vulnerabilities.

Responsibilities:

- **Penetration Testing**: Execute penetration tests, using manual and automated methodology, to discover vulnerabilities in client infrastructure.
- **Risk Analysis and Mitigation**: Analyze any findings to assess the risk posed to client infrastructure and provide actionable recommendations for mitigating the identified vulnerabilities.
- **Reporting and Documentation**: Prepare detailed reports documenting the findings, including vulnerability descriptions, risk levels, and remediation recommendations, tailored for technical and non-technical individuals.
- **Client Communication**: Interface with clients to discuss assessment objectives, present findings, and collaborate on remediation efforts, promoting strong relationships and ensuring alignment with business goals.

Accomplishments:

- **Successful Vulnerability Remediation**: Led efforts to identify critical vulnerabilities in client infrastructure, resulting in the implementation of remediation measures that improved the security posture.
- **Adherence to Compliance Standards**: Ensured that client environments were compliant with industry regulations and standards through meticulous assessment and practice of regulatory requirements.

Best Buy | MN, Mankato
GeekSquad - Advanced Repair Agent - Apple Master | 10/2021 - 01/2023

Responsibilities:

- **Technical Troubleshooting**: Diagnosing and troubleshooting technical issues client systems.
- **Repair and Maintenance**: Performing advanced repairs and maintenance tasks to ensure optimal functionality and reliability.
- **Documentation**: Maintaining detailed records of repairs, including parts used, procedures followed, and outcomes of service.
- **Customer Service**: Communicating effectively, managing expectations, and ensuring customer satisfaction throughout the repair lifecycle.
- **Training and Mentoring**: Providing training to junior repair agents, sharing expertise, and helping them develop their skills.

Accomplishments:

- **Increased NPS Rate**: Improved technical troubleshooting skills and diagnostic accuracy, leading to a higher first-time fix rate and improved customer satisfaction and NPS rating for precinct.
- **Promoted to Apple Master for Expert Repair Skills**: Promoted to the role of Apple Master, leading a team of technicians, setting high standards for repair quality, and ensuring that every customer's Apple repair experience exceeds expectations.

Skills

Amazon Web Services, Web Application Pentesting, Technical Writing, OWASP, Vulnerability Assessment, Problem Solving, Python Scripting, Linux, Windows, Bash, PowerShell, Network Penetration Testing, Communication skills

Education

Minnesota State University, Mankato | Mankato, MN
Computer Information Technology | 12/2023

- Graduated with an undergraduate certification of Information Security.
- Elected to build final exam for my "Information Warfare" class that involved creating vulnerable systems for other students to exploit.
- Selected as a finalist for the UMSA Scholarship Program.

Certificates

Undergraduate Certification of Information Security