Matthew Lee

Application Security Engineer | MS Cybersecurity

I am a dedicated application security professional with a background in QA testing. I hold an MS in Cyber Security and a BS in Computer Information Systems. My Security+ certification highlights my expertise in safeguarding information systems. I am passionate about using my skills to protect and enhance digital infrastructures, making me a strong candidate for application security roles and beyond.

✉ matthewdouglee@gmail.com   📱 631-935-2858   📍 New York, United States   🖥 mattplum.github.io

WORK EXPERIENCE

Application Security Analyst II
Texas A&M

12/2023 - 01/2025   *College Station, TX*

Achievements/Tasks

- Performed penetration testing on web applications using Kali Linux VMs.
- Conducted SAST and DAST scans on web applications, collaborating with development teams to identify and remediate critical vulnerabilities.
- Created Bash/Powershell scripts to filter vulnerabilities via Nessus scans in Security Center.
- Developed Python API scripts to bolster security operations and maintained a C# .NET security application utilizing Github for version control.

Senior QA Test Engineer
Con Edison

10/2019 - 10/2021

Achievements/Tasks

- Served as a consultant for Con Edison, supporting IT operations and maintaining information assurance using Jira and Azure DevOps.
- Integrated automated testing into CI/CD pipelines and developed a secure test automation framework in C# to enhance DevSecOps practices.
- Identified and resolved critical issues through vulnerability testing and proactive remediation within development and production environments.

EDUCATION

Master of Science in Cyber Security
Grove School of Engineering, City College of New York

08/2021 - 06/2023   *Honors: Summa cum laude*

Bachelor of Science in Computer Information Systems
University of Delaware

08/2015 - 05/2019   *Deans List*

SKILLS

Nessus   Python   Powershell   C#   GitHub   Automation   Virtual Machines   Selenium   Git Bash   Windows   Linux   SQL   Vulnerability Management

CERTIFICATIONS

CompTIA: Security+ (08/2023)

DevOps Institute: SecDevOps Foundation (04/2024)

ACADEMIC PROJECTS

IoT Camera Hack
- Analyzed security vulnerabilities in a pet camera system using Metasploit and Nmap. Then used Burp Suite to inject code into HTTP packets to gain shell access to the camera.

Google Docs Clone
- Wrote an application in Python similar to Google Docs to allow for simultaneous sessions, then containerized it with Docker to deploy to Google Cloud

Penetration Testing and Ethical Hacking - Remote Access Trojan (RAT) Project
- Developed a Python RAT, explored security vulnerabilities using Metasploit, and configured Linux VMs for simulation with VirtualBox.

REFERENCES

Upon Request

INTERESTS

Application Security   Security Certifications   Blue Team   Red Team   Programming   DevOps   Clod Services