





Matthew Lee

Application Security Analyst | Cybersecurity Professional

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Professional Summary

Cybersecurity professional with expertise in application security, vulnerability management and penetration testing. Proven track record of implementing security solutions, conducting comprehensive security assessments, and developing automated security tools. Passionate about DevSecOps practices, threat detection, and staying current with emerging cybersecurity technologies and methodologies.

Professional Experience

Application Systems Analyst Feb 2025 - Present
Chainbridge Technologies

Remote position focusing on security analysis and vulnerability management while working with government clients.

- Automated analysis of Nessus scan results using custom Python scripts integrated with SQL database
- Execute Fortify SAST scans and assist in vulnerability remediation
- Perform remediation on RHEL VMs using Bash scripting to address identified security issues
- Investigate and respond to IoC requests for Azure-based virtual machines to support incident response efforts

Application Security Analyst II Dec 2023 - Jan 2025
Texas A&M

Conducted comprehensive security assessments and penetration testing for web applications and systems.

- 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
- Identified and mitigated 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 Oct 2019 - Oct 2021
Con Edison

Served as consultant 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
- Supported IT operations and maintained information assurance using Jira and Azure DevOps

Technical Skills

Python C# SQL Bash GitHub Virtual Machines Windows Linux Jira Azure DevOps Burp Suite
Penetration Testing Vulnerability Management Wireshark Selenium Git Bash

Education

M.S, Cybersecurity – Summa cum laude
Grove School of Engineering, City College of New York, Graduated June 2023

B.S, Computer Information Systems – Dean's List
University of Delaware, Graduated May 2019

Certifications & Interests

- CompTIA Security+ (Aug. 2023)
- SecDevOps Foundation – DevOps Institute (Apr. 2024)
- Blue Team, Red Team, Programming, DevOps, Cloud Services