

Matthew Lee

MS Cyber Security

Results-driven recent graduate with an MS in Cybersecurity, BS in Information Systems, and two years of experience in IT with a CompTIA Security+ certification. A detail-oriented professional with a proactive approach to problem-solving and a commitment to learning for professional growth.

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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

WORK EXPERIENCE

Senior QA Engineer

Con Edison (Consultant)

08/2020 - 10/2021

Served as a Consultant for Con Edison, collaborating with the QA team under a contract with RTTS.

Achievements/Tasks

- Collaborated with QA team on manual, automated, and API testing (Postman)
- Integrated testing into DevOps for CI/CD pipelines
- Identified and resolved critical issues, including vulnerability testing

QA Test Engineer

Real Time Technology Solutions (RTTS)

10/2019 - 08/2020

Achievements/Tasks

- Contributed to secure automation framework development
- Implemented automated tests using Selenium C# OOP in an AGILE environment
- Provided IT support and maintained information assurance using Jira and Azure DevOps

SKILLS

Burp Suite

Python

Java

C#

CI/CD

Wireshark

Virtual Machines

Selenium

Flask

Windows

Linux

SQL

Jira

DevOps

ACADEMIC PROJECTS

OpenAI Steganography

- Used DALL-E API to generate steganographic images using AI, employed LSB encryption on the messages, and created a user-friendly web app with Flask in Python.

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

Coding

Security Certifications

Incident Response

Hackathons

CTF Competitions