Tyler O'Hare

tyleroharebusiness@gmail.com | Portfolio | Github

EDUCATION

Iowa State University - *B.S. in Cyber Security Engineering*   2018 - 2022

CERTIFICATIONS

PNPT - *Practical Network Penetration Tester*   TCM Security

PROFESSIONAL EXPERIENCE

Tenable   Remote
Technical Support Engineer   July 2022 – November 2022
- Customized and configured Nessus vulnerability scans to meet unique requirements for over 100 companies.
- Conducted in-depth analysis of Nessus plugin source code, identifying software bugs, false positives, and misconfigurations within plugins to improve overall scan accuracy.
- Utilized Wireshark to investigate packet captures of customer networks, identifying and resolving root causes of scan errors and failures, demonstrating strong troubleshooting technique.
- Contributed to documentation, knowledge base articles, and bug reports for Tenable Products, enhancing overall customer experience and driving continuous improvement initiatives.

Iowa State University   Ames, Iowa
Object-Oriented Programming Tutor   January 2020 – May 2020
- Leveraged technical communication skills to effectively present complex concepts related to object-oriented programming, sorting algorithms, and data structures in Java.
- Demonstrated strong analytical skills by thoroughly debugging and reviewing Java code, identifying errors and inefficient programming practices, and providing constructive feedback and guidance to enhance program efficiency and effectiveness.
- Successfully led frequent meetings of 3 to 5 students, providing mentorship, and driving collaborative learning initiatives to achieve group goals.

PROJECTS

Penetration Testing Methodology   *Website*
- Created comprehensive penetration testing notes and methodology, leveraged to successfully identify critical security vulnerabilities and compromise over 100 vulnerable CTF machines.
- Demonstrated expert usage and guidance on security tools including Nmap, Burp Suite, and Metasploit to enhance penetration testing effectiveness.
- In depth notes on successful exploitation and remediation of OWASP Top 10 vulnerabilities.

Pyntrude Fuzzing Script   *Demo* | *Code*
- Developed a Python script that enables effective fuzzing of request parameters, including passwords, injections, and pins, to uncover potential security vulnerabilities.
- Created as a free and unrestricted alternative to Burp Suite's Intruder's Sniper feature, providing a 66% faster fuzzing time when compared to Burp Suite's free edition on large payloads.

Sample Penetration Test with Report   *Report*
- Conducted a comprehensive penetration test of a small Active Directory Network, utilizing a range of tools and techniques to identify 7 notable security vulnerabilities.
- Prepared a detailed report outlining all findings, including vulnerability assessments and recommended remediations, to provide actionable insights for improving overall network security.