

POCHOLO ARANGOTE

SUMMARY OF QUALIFICATIONS

-Cyber-Security Professional finishing my Information Systems Security Degree at Sheridan College.

-Proven experience as an Offensive Security Analyst, performing penetration testing on clients' systems via Network and Web Application exploitation.

-In-class experience with Computer Forensics, Security Controls, Penetration Testing/Ethical Hacking, Network Security, Software Development, and Cryptography.

-Customer-focused approach to the analysis and protection of clients and their systems.

-Effective communication skills to a variety of technical and non-technical stakeholders.

-Fluent in English, Intermediate in French.



EDUCATION

present
|
2019



Honours Bachelor Cybersecurity

Sheridan College

📍 Oakville, ON

- Relevant courses include: Secure Software Development, Advanced Encryption, Ethical Hacking, Malicious Code, Information Systems Security Auditing, Information Systems Intrusion Detection & Prevention, Advanced Forensics.
- Capstone: Man in the Middle Attacks on an ICS/SCADA Environment.



INDUSTRY EXPERIENCE

Dec
2021
|
Aug
2021



Offensive Security Analyst

Packetlabs

📍 Mississauga, ON

- Assisted penetration testing team in performing multiple types of penetration tests using Burp Suite, Kali Linux, and penetration testing methodologies.
- Identify security threats, risks, and vulnerabilities on networks and web applications.
- Audit client website source code for weaknesses and vulnerabilities in Javascript
- Analyze current software versions, and identify out-of-date software, and associated vulnerabilities
- Using a variety of GUI based and terminal-based tools, perform penetration tests against client infrastructure and exposed services.
- Manage and retest outstanding client issues.
- Review client's overall source-code for security and efficiency
- Document findings into client-facing report.

CONTACT



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VilopusDoom



github.com/VilopusDoom



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647-949-4769

TECHNICAL SKILLS AND TOOLS

Programming

C
Java
SQL
Javascript

Information Security

Metasploit
Kali Linux
Burp Suite
Autopsy
Qualys
ISO-27001
PCI-DSS

Network Security

nmap
Wireshark
TCP/IP
DNS
ettercap
OSI
DHCP
HTTP/HTTPS
Firewalls

Last updated on 2023-01-09.

Aug
2021
|
Jun 2021

● **Team Member. Innovation Accelerator**

Sheridan College

📍 Oakville, ON

- Assigned as Team Project Manager.
- Collaborated with an interdisciplinary team of 4 people to deliver a tailored solution to client.
- Increase team's performance through notifications and documents through Microsoft Teams and Whatsapp.
- Designed and delivered a multi-faceted solution to the challenge proposed by client via a pitch, and was selected as the winning solution for client's challenge.
- Drafted and kept Meeting Notes through Atlassian Confluence, increasing team's efficiency and organization.



SELECTED PROJECTS

2022

● **Capstone Project: Man in the Middle Attacks on an ICS/SCADA Environment.**

Sheridan College

- Design a functional DNP3 ICS/SCADA network with two different machines. DNP3 Traffic is sent between two machines over TCP/IP. Demonstrated and analysed the feasibility of man-in-the-middle attacks on the network, as well as assess the potential risk and impact of an attack.

2022

● **Application Security**

Sheridan College

- Authored a report that analysed the impact of application security on modern businesses. Defined the OWASP Top 10, including examples of each, and provided in-depth analysis of three application security tools: OWASP Dependency Checker, Snyk.io, and Fortify Application Security.

2022

● **Ethical Hacking**

Sheridan College

- Authored a report on a small-medium business using passive physical and digital reconnaissance methods.
- Drafted a writeup of select OWASP WebGoat penetration testing exercises.

2022

|
2021

● **Malware Analysis**

Sheridan College

- Created a report on a malware sample. Analysed the sample using VirusTotal, Metadata Analysis, Text Analysis, Static Analysis, and Dynamic Analysis.