

Tyler O'Hare

tyleroharebusiness@gmail.com | [Portfolio](#) | [Github](#)

EDUCATION

Iowa State University - B.S. in Cyber Security Engineering
[Diploma](#)

August 2018 - May 2022
GPA: 3.39

CERTIFICATIONS

PNPT - Practical Network Penetration Tester
[Credential](#)

TCM Security

SKILLS

- **Software:** Python, C, Java, Version Control (Git)
- **Security:** Nmap, Nessus, Wireshark, Metasploit, Burp Suite, Kali Linux, Network Security, Wireless Testing, Binary Exploitation

PROFESSIONAL EXPERIENCE

Tenable Remote, Iowa
Technical Support Engineer July 2022 – November 2022

- Analyzed Nessus vulnerability scans, source code, PCAPs (Wireshark), and log events.
- Assisted in troubleshooting, configuration, and deployment of the Nessus vulnerability scanner.
- Recreated and addressed customer software issues in a lab environment.
- Contributed to documentation, knowledge base articles, and bug reports for Tenable Products.

Iowa State University Ames, Iowa
Object-Oriented Programming Tutor January 2020 – May 2020

- Applied technical communication skills to effectively teach object-oriented programming in Java.
- Clarified and reviewed concepts related to OOP, sorting algorithms, and data structures.
- Facilitated frequent meetings leading groups of 3 to 5 students.

PROJECTS & COMMUNITY PARTICIPATION

WEP ARP Replay Attack [Demo](#) | [Report](#)

- Simulated ARP Replay attack on a WEP network using the ORBIT network emulator.
- Utilized the Aircrack-ng suite to replay packets and crack a wireless network password.

Polar Insights - Currency Analysis Application [Code](#)

- Jupyter Notebook script that analyzes time series CSV data using Pandas, Numpy, and Python to compute statistics and discover tendencies for the given currency.

MIPS 32-Bit Assembly Bubble Sort Algorithm [Code](#)

- Integer bubble sort algorithm developed using MIPS 32-Bit assembly language.

Instructional Dashboard for Learning Networks [Demo](#) | [Code](#)

- Web application that visualizes student social networks using R, Shiny, and SQL.
- Received a funding grant for continued development at Iowa State University. Classroom deployment at Iowa State University for Fall 2022.

PEN200 - Penetration Testing with Kali Linux Course

- Student for the Offensive Security Certified Professional (OSCP) certification. Exam scheduled for February, 2023.