

TRISTAN BARNHOUSE

JUNIOR SECURITY ANALYST | PENETRATION TESTER

CONTACT

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EDUCATION

HIGH SCHOOL DIPLOMA

Marlington High School
GPA: 4.33
2015 – 2019

BS / COMPUTER SCIENCE, MATHEMATICS

University of Mount Union
GPA: 3.328
2019 – 2023

MS / COMPUTER SCIENCE IN CYBERSECURITY

Kent State University
GPA: 3.691
2023 – 2025

SKILLS

- Strong analytical thinking to accomplish tasks
- Ability to follow instructions and deliver quality results
- Thrives in a team environment who can also work independently
- Extremely flexible and adaptable

PROFILE

Cybersecurity graduate student with a strong foundation in computer science and hands-on experience in penetration testing, vulnerability assessment, and risk analysis. Experienced with industry-standard tools including Nmap, Burp Suite, and Metasploit guided by the Cyber Kill Chain framework while producing NIST-aligned security reports.

PROFESSIONAL EXPERIENCE

WAREHOUSE LABORER

Andrews Moving and Storage | Streetsboro, OH | 06/2018 – PRESENT

- Effective at using pallet jacks, hand trucks, and forklifts to move freight from inbound and outbound shipments
- Skilled at inspecting, tagging, and updating information on product through scanners and Excel
- Well-versed in all warehouse operations, inventory audits, and loading and unloading procedures of any product
- Demonstrated leadership by training new hires, managing the floor crew, settling disputes, and organized all warehouse operations while delegating others to complete tasks

CYBERSECURITY PROJECTS

INTRODUCTION TO INFORMATION SECURITY

University of Mount Union | Alliance, OH | 08/2020 – 12/2020

- Conducted a full risk assessment of the university evaluating both physical security controls and a simulated network infrastructure following the NIST 800-30 framework
- Analyzed the physical facilities and mock IP addresses using vulnerability scanning techniques including OpenVAS
- Formulated a formal risk assessment report that provided threats and with recommended mitigation plans

PRINCIPLES OF WEB APP SECURITY

University of Mount Union | Alliance, OH | 01/2022 – 05/2022

- Performed a full penetration test on two simulated web applications representing a casino and bookstore environment
- Assessed web application security using mock IP addresses through pentesting techniques like BurpSuite, SQLMap, and Nmap
- Developed a report that provided vulnerabilities, descriptions, CVSS scores, and recommendations to mitigate attack vectors

NETWORK SECURITY

University of Mount Union | Alliance, OH | 01/2023 – 05/2023

- Executed a full network penetration test within a simulated enterprise environment featuring firewalls and a subnet following the Cyber Kill Chain framework
- Identified exploitable services and misconfigurations using a mock enterprise network through tools like Metasploit, Dirbuster, BurpSuite, and Nmap
- Produced a comprehensive report that detailed vulnerabilities, descriptions, CVSS scores, and recommendations to mitigate attack vectors