

# 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 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