

JAKE BONTKOWSKI

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EDUCATION

Bachelor of Science in User Experience Design (UI/UX), minor in Cybersecurity | Bradley University
August 2020 – May 2023

CompTIA Security+ CE certification | CompTIA
July 2023

EXPERIENCE

Live Double-Blind Penetration Test

- Facilitated communications between teams as a liaison
- Performed research on company employees and executed social engineering campaigns
- Planned security assessment, executed assigned tasks, and reported results to the client
- Executed a successful on-site team breach

IT Network Design

- Established a secure, efficient, and scalable network infrastructure that supported hospital operations and ensured patient data protection
- Created a detailed hospital floorplan that integrated cybersecurity considerations
- Delivered a comprehensive report outlining the measures in place, their rationale, and recommendations for maintenance and future upgrades
- Studied for CompTIA Network+. Implemented information into network infrastructure equipment selection

HackTheBox

- Worked through gamified hacking situations and systems
- Performed enumeration of systems to identify open ports and running services
- Executed vulnerability assessments to identify potential system vulnerabilities
- Explored systems to find flags (box objectives), extract necessary sensitive data, and understand system architecture
- Maintained detailed notes on methodologies applied, tools used, and challenges encountered

Capture The Flag (HackTheBox events)

- Conducted vulnerability assessments and penetration tests on various network infrastructures to identify weaknesses
 - Applied cryptographic techniques to decrypt encrypted files and communications
 - Utilized reverse engineering tools and methods to analyze software binaries, develop exploits, and gain foothold
 - Leveraged knowledge of Linux systems and command-line tools to navigate, analyze, and manipulate file systems
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SKILLS

- Network Scanning and Enumeration
- Packet Analysis and Network Traffic Inspection
- Vulnerability Assessment and Management
- Configuration Review and Hardening
- Phishing and Social Engineering
- Authentication and Session Management Testing
- Hash Cracking

TOOLS

- Kali Linux
 - PowerShell
 - Wireshark
 - Cisco Packet Tracer
 - Hashcat
 - Netcat
 - OpenVAS
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WORK

Tasting Room Attendant

Cooper's Hawk

Algonquin, IL

December 2023 – Present

- Promoted and sold a variety of wines to guests based on their preferences and occasion
- Utilized POS system to process transactions accurately and efficiently
- Provided food pairing suggestions to enhance guest satisfaction and wine tasting experience
- Demonstrated extensive knowledge of different wines, regions, and grape varieties
- Delivered exceptional customer service by addressing inquiries and resolving issues promptly

Store Manager

Fossil Inc.

Schaumburg, IL

May 2019 – August 2020

- Maintained accurate inventory records and effectively managed stock levels to meet customer demand
- Implemented strategic visual merchandising displays to enhance the overall shopping experience for guests
- Demonstrated expertise in product knowledge to assist customers in making informed purchasing decisions
- Managed cash handling procedures to ensure accuracy and security of all transactions
- Managed a team of sales associates to achieve company goals
- Assisted sales team with higher level issues and guest requests