

# Hayden Lohmann

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## Summary

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Detail-orientated Utica University graduate pursuing a master's degree in Cybersecurity concentrated in Cyber Operations. Passionate about both offensive and defensive techniques utilized when identifying vulnerabilities and securing networks. Actively involved on campus within several organizations including Cybersecurity Club, Esports, and athletics.

## Qualifications

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- Knowledgeable in Python and Java
- Experience writing in HTML, C, PHP, Bash, and C++.
- Understanding of Object-Oriented Programming
- Hacker Rank on Hackthebox - Owned 14 Systems & 18 Users
- Familiar with tools such as Wireshark, Metasploit, Nessus, NMAP, Johntheripper, Burp-Suite, Hashcat, & Splunk

## Education

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**Utica University**, Utica, NY **Expected May 2025**  
MS in Cybersecurity

- *Relevant coursework:* Principles of Cybersecurity and Programming Applications for Cybersecurity

**Utica University**, Utica, NY **May 2023**  
BS in Cybersecurity

- *Relevant coursework:* Computer Hardware and Peripherals, Intro to Computer Science, Calc I, 2, & 3, Software Found for Cybersecurity, Select Topics in Cybersecurity, Computer Science II, Information Security, Information Systems Attacks and Defenses, Object Oriented Programming, Computer Network Investigations, Applied Cryptography, Cyber Operation Tools, Mathematics for Cybersecurity, Criminology, Cybercrime Law & Investigations, System Vulnerability Assessments, Malware Analysis, and Criminological Research Methods.

**Mount Markham High School**, Mount Markham, NY **June 2020**  
High School Diploma with Mastery in Math & Science

- Treasurer; Honor Society, Varsity Club, and Class Treasurer.

## Cyber Competitions, CTFs, & CFCs

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CNY Hackathon - Fall & Spring 2020 & 2021

NECCDC - January 2021

National Cyber League - Fall & Spring 2021, Spring 2022

Boston University White Hat Conference - June 2021

Microsoft Student Hackathon - Fall 2021

CyberSeed CTF - March 2022

Hack the Box CTF - October 2020

CyberSeed CTF - March 2021

Utica College CFC – 2<sup>nd</sup> Place - April 2021

Hivestorm - Fall 2021

NECCDC - Co-Captain/Manager - Spring 2022

Utica University CFC - Staff - April 2023

## Campus Involvement

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Athlete, Cross Country, Indoor Track, and Outdoor Track Teams

Fall 2020 – Current

Member, Cyber Club and Hacking Board

Fall 2020 – Current

President, Cyber Club

Fall 2021 – Spring 2023

Secretary, Utica Esports Club

Fall 2020 – Spring 2021

Treasurer, Utica Esports Club

Spring 2021 – Fall 2021

President, Utica Esports Club

Fall 2021 – Fall 2022

## Job Experience

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- Pentesting Consultant June 2023 – Current
  - Conducts comprehensive penetration tests to identify possible vulnerabilities within an environment and their associated risk. Utilizes various techniques such as network and vulnerability scanning, social engineering, lateral movement, and privilege escalation.

### Utica National Insurance

- Information Security Intern July 2021 – August 2021
  - Assisted with general Information Security practices, a significant security project, and smaller specific tasks. Actively did research, wrote and reviewed documentation, and got exposure to incident response, auditing, and other Cybersecurity processes.

### Utica University

- Resident Assistant August 2021 – March 2023
  - Acted as a leader, supporting students living on campus by connecting them with offices and resources.
- Tutor September 2021 – May 2022
  - Assisted students with studying, test preparation, and general learning of course content for classes within Cybersecurity, Computer Science, and Mathematics.
- DOJ BJA Research Assistant September 2021 - May 2022
  - Completed research on cryptocurrency and how it is used in illegal activity. Developed scenario for Utica CFC. Assisted with server setup and creation of virtual machines for competition. Helped run the Utica CFC, managed the discord server used for communication, & supported contestants with troubleshooting.