

Angel Vasquez

718-450-7310 | angeld.3840@gmail.com

EDUCATION

Mohawk Valley Community College

Associate of Science in Computer Science, Cybersecurity

Utica, New York

December 2024

Relevant Coursework: Intro to Cybersecurity, Principles of Programming, Networking Fundamentals, Operating Systems and You: Becoming a Power User, Unix Operating Systems and Security, Internet Security, Networking Essentials, Programming in C++, Critical Infrastructure and Security, Unix Administration and Security

SKILLS, AND LANGUAGES

Skills: Kali Linux, Ubuntu, CentOS/RedHat Systems, Active Directory, Python, C++, Firewalls

Languages: English and Spanish: Fluent

EXPERIENCE

Mohawk Valley Community College | ResLife

Resident Assistant

Utica, New York

August 2023 – Present

- Mentored 300 + first and second-year college students while enforcing college policies, promoting a positive living and learning experience, and creating more student satisfaction, and inclusion using conflict resolution skills, and the ability to build relationships with residents.
- Led bi-weekly restorative circles to foster an inclusive, safe, and respectful environment among residents, addressed conflicts, and consequently improved relationships and increased community building, employing leadership, and conflict resolution skills.
- Conducted monthly program boards to foster an inclusive, educational, and engaging living experience in the community, leading to positive morale, promoting an engaging learning experience, and providing inclusion within the community, using project management and leadership skills.

New York Power Authority P-Tech Internship | Manhattan Project

Intern

New York, New York

July 2024 – August 2024

- Studied the core principles of HVAC and lighting to complete energy audits in two locations, leading in over 20% energy reduction, using the core principles learned from HVAC and lighting systems.
- Researched the role of cybersecurity in the Green industry, finding key roles internet security plays in the Green space, using various connections and resources in the New York Power Authority.
- Created and presented key energy conservation measures, summarizing the energy savings calculations resulting in 20% energy reduction, using lighting auditing and public speaking skills.

Mohawk Valley Community College | Career Development Center

Social Media Manager/Content Creator

Utica, New York

September 2023 – May 2024

- Lead in conducting research to optimize social media content, leading to over a 100% growth in followers every month, applying skills in social media algorithms and simple pattern recognition.
- Maintained confidentiality, availability, and integrity for all of the company's social media accounts, ensuring account security and preventing compromising of any accounts, through proper security internet security measures.
- Conduct interviews on campus, leading to a 15% increased engagement in the MVCC Career Center, using communication and video editing skills to create videos.
- Utilize knowledge of algorithms to create personalized content that led to over 15% in student engagement on the MVCC Career Center Instagram account.

Certifications/Projects

Certifications: CompTIA Security + (Expected 2025), USAF Top Secret Security Clearance (Expected 2025)

Projects:

RADIUS Server

Student

Utica, New York

April 2024

- Built a RADIUS server using a Microsoft 2012 server on a virtual machine.
- Created and authenticated users to connect to the server, and tested the accuracy of the RADIUS server by connecting it to the user's phone.

Critical Infrastructure Security Project

Student

Utica, New York

November 2024

- Used a Raspberry PI to build a functional circuit board with Open PLC to simulate a critical infrastructure.
- Used software, ScadaBR to control and monitor the activity on the live circuit board.
- Used a Kali machine and Wireshark to sniff the packets containing the on and off commands, then using it to control it from that machine. Then a firewall was installed on the Raspberry PI to protect it.