Marco Carenza

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EDUCATION

St. John's University, New York, Queens
MASTER OF SCIENCE Cyber Security Systems   GPA 3.75   **MAY 2024**
BACHELOR OF SCIENCE Cyber Security Systems   GPA 3.87   **MAY 2023**

RELATED COURSEWORK

CYBER THREATS AND DETECTION-
- An examination of protocols, scanners, rootkits, trojans, worms, and viruses as they are used in the commission of a network intrusion.
- An overview of the prevention and containment of an intrusion incident as well as the methodology of the incident response process will be presented.

SECURE SOFTWARE DEVELOPMENT-
- Best practices reduce insecure coding practices that can lead to exploitable vulnerabilities in production. Scripting allows organizations to scale their analysis.
- It introduced the security best practice guidelines to control the structure of their programs above what is specified by the programming language definition.

INTRUSION DETECTION SYSTEMS-
- Analyze networks looking for anomalous traffic, monitor network flow, and take action based on prescribed rules when an issue is identified.
- Configure IDPS systems and evaluate their output. The course will also examine how AI and Machine Learning are being integrated into next-generation systems.

ROUTING & SWITCHING ESSENTIALS-
- The fundamentals of Networking, it consisted of Switching, Wireless and Routing Essentials.
- Through the course Cisco Networking CCNA Certifications were completed. Received hands-on experience with the Cisco Packet Tracer Tool.

EXPERIENCE

New Jersey, Remote
NJ Courts Academic Internship-   **January 2022 - May 2022**
- Reinforced a Linux System without the assistance of automated applications
- Navigated through the Linux terminal and various commands
- Learned CIS-CAT benchmarks and how to use them
- Guided other interns on how to reinforce their systems who needed some help

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SKILLS

Windows | Linux | MacOS | Bilingual in English and Italian | Visual Studio | Java | C# | C++ | Python | Unity | Unreal Engine | MS Office | WireShark | PowerShell | Cisco Networks | Digital Forensics | Cisco Packet Tracer | Nessus |

COMMUNITY INVOLVEMENT

Administrator in MUN   **2018**
- Helped to organize and participate in a Model United Nations at my highschool.

Duke of Edinburgh award   **2018**
- Completed the Duke of Edinburgh award, which is a youth awards program founded by Prince Philip.

Camps International in Cambodia   **2017**
- An international volunteer travel program who puts purpose before profit, helping communities in need.