

# MATHEW QUINTERO

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## EDUCATION

### Syracuse University

Bachelor of Science

Syracuse, NY

August 2022 - Present

- Deans List
- Major: Information Management & Technology
- Concentration: Information Security Management, Project Management, Data Analytics
- GPA: 3.485
- Major GPA: 3.575

## PROFESSIONAL EXPERIENCE

### Syracuse University

Syracuse University Main Desk Assistant

Syracuse, New York

January 2023 - Present

- Manage a system with hundreds of user profiles to correctly organize and log packages for residents
- Proficient in addressing customer inquiries and concerns, particularly regarding package-related matters, demonstrating strong communication and problem-solving abilities to achieve high levels of customer satisfaction

## PROJECTS

- Cybersecurity Risk Analysis - Researched datasets of over 14,000 logs of security incidents and created visualizations to find correlations between threat actors, industries, and motives to make data-driven decisions
- Risk Assessment of a Local Firm - Directed a risk assessment of a local business developing a impact scale, risk register, risk map, and provided best practices and recommendations tailored to the businesses biggest risks in daily operations
- Access Control Lab - Established and managed Active Directory structure for department access control, configured access rights for user groups and update access controls to improve security measures
- Project Charter and WBS Creation - Developed a project charter including scopes and requirement based needed upgrades and designed a work breakdown structure for tasks and timelines
- Securing a WAN - Used Nmap to conduct scans of ports on various computers across the network, found vulnerable open ports, and reduced the attack surface by configuring a firewall to close vulnerable ports
- Intrusion Detection System Configuration and Testing - Configured Snort on a target virtual machine to detect attacks and analyze network traffic, implemented Snorby for real time monitoring and alert management of intrusion events, conducted controlled attacks to test the IDS alert mechanisms
- AWS Cloud Database Project - Developed and supervised a cloud-based PostgreSQL database using Amazon Web Services (AWS) RDS service, implemented security through VPC security groups, created tables with SQL queries

## ACADEMIC COURSES

- IST 476 - Applied Information Security
- IST 387 - Intro to Applied Data Science
- IST 256 - Python Programming
- IST 342 - Information Security Policy
- IST 345 - Managing Information System Projects
- IST 425 - Enterprise Risk Management
- IST 359 - Principles of Database Management with Microsoft SQL Server
- FCS 455 - Machine Learning for Data Analysis

## LEADERSHIP/ACTIVITIES

- BLISTS SU Community Service Chair E-Board Position - Black & Latinx Information Science & Technology E-Board Position responsible for scheduling community service events for the BLISTS Organization
- Delta Tau Delta Founding Father - Worked with other brothers to bring the Gamma Omicron chapter to return at Syracuse University

## SKILLS

- Programing Skills - Python Programming Language, Microsoft SQL Server, R Programming Language
- Project Management Skills - Microsoft Project, Project Lifecycle Management, Risk Assessment & Mitigation, Team Coordination, Data Collection & Analysis
- Cybersecurity Skills - Kali Linux, Splunk SIEM Tool, Security Frameworks, Security Policy Writing, Role-Based Access Control RBAC
- Networking Skills - Wireshark, TCP Protocols, Routing and Switching

## PROGRAMS, ACTIVITIES, AND CERTIFICATIONS

- Google Cybersecurity Certificate - Learned important foundations of cybersecurity