**Alan Specchio, Jr.**

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EDUCATION

**B.S., Cybersecurity** May 2024

State University of New York at Canton, Canton, NY **GPA 3.75**

* President’s List Fall 2022
* National Centers of Academic Excellence in Cybersecurity (CAE-CD)

**A.S., Cybersecurity** May 2022

Corning Community College, Corning, NY **GPA 3.5**

* Dean’s List Spring 2022

**Certificate, Cybersecurity** Jan 2021

Columbia University, New York City, NY **GPA 4.0**

**SKILLS**

Programming Languages:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * Python | * Bash Scripting | * HTML | * CSS | * SQL |
| * C | * C++ | * PHP | * Java |  |

Penetration Testing:

|  |  |  |  |
| --- | --- | --- | --- |
| * MetaSploit | * Cryptography | * BURP Suite | * Kali |
| * Nessus | * Aircrack | * Autopsy | * MSVenom |
| * Nmap | * Elastic Stack (ELK) | * Elasticsearch | * HTTPS Protocols |

Operating Systems:

|  |  |  |  |
| --- | --- | --- | --- |
| * Ubuntu Linux | * Windows | * Windows Server | * MacOS |

Cloud:

|  |  |  |  |
| --- | --- | --- | --- |
| * Microsoft Azure | * Amazon AWS | * Google GCP | * Kubernetes Cluster |
| * HyperV | * Firewalls | * Cloud Networking | * Load Balancers |
|  |  |  |  |

RELATED WORK EXPERIENCE

**IT Support Specialist,** Dandy Mini Marts Feb 2023 – Present

* Maintaining computers/equipment at all Dandy sites
* Inventory adjustments in PDI Enterprise
* Rebuilding VeriFone register/card reader OS builds

**Owner/Founder,** Aspect Cryptocurrency Mining, Remote Oct 2020 – Sept 2022

* Configured and monitored rigs
* Cleaned, maintained, and repaired rigs as needed
* Managed hashrates and modified BIOS for optimal performance
* Troubleshot issues with rigs and monitored the networks for suspicious behavior

**I.T. Intern**, I.D. Booth, Inc., Elmira, NY May 2019 – Nov 2019

* Complied with standard IT procedures
* Deconstructed and disposed of outdated computers
* Updated software programs, fixed printers and other troubleshot I.T. problems
* Created social media accounts and expanded followers through promotions
* Researched new equipment for Cloud systems
* Ensured that Wi-Fi configurations throughout three properties was active with no dead spots