**Alan Specchio, Jr.**

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EDUCATION

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

State University of New York at Canton, Canton, NY **GPA 3.5**

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

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

**Certificate, Cybersecurity** Jan 2021

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

**SKILLS**

Programming Languages:

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

Penetration Testing:

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

Operating Systems:

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

Cloud:

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

RELATED WORK EXPERIENCE

**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 outdate computers
* Updated software programs, fixed printers and other troubleshot I.T. problems
* Created social media accounts and expanded followers through promotions
* Engaged 50 followers by end of internship
* Researched new equipment for Cloud systems
* Ensured that Wi-Fi configurations throughout three properties was active with no dead spots

OTHER WORK EXPERIENCE

**Retail Salesperson**, Famous Brands, Watkins Glen, NY Apr 2022 – Present

* Communicate with customers to find specific items
* Operate a POS system and make accurate change

**Manager**, Seneca Signature Scents, Watkins Glen, NY Aug 2017 – May 2022

* Trained employees and managed a staff of 2 people per shift