

# 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
- Troubleshooting PDI Enterprise & Desktop
- Updates and adjustments to VeriFone Commanders
- 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
- Troubleshoot 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- Deconstructed and disposed of outdated computers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 troubleshoot I.T. problems
- Created social media accounts and expanded followers through promotions
- Ensured that Wi-Fi configurations throughout three properties was active with no dead spots