

Sean Valis

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EDUCATION

New York University Tandon School of Engineering - MS in Cyber Security, GPA: 3.833 (Spring 2025)

New York City College of Technology - BTech in Computer Systems (Cyber Security Focus), (Spring 2022)

SUNY Adirondack - AAS in IT Networking, (Spring 2019)

CERTIFICATION

CompTIA Pentest+ (Valid through March 2029)

CompTIA Security+ (Valid through March 2029)

NCAE-C CAE-CD Designation with Masters Degree

EXPERIENCE

Akwesasne Mohawk Casino and Resort — IT Applications Analyst (Jan 2025–Present)

- Scripting with Python, PowerShell, and batch to automate tasks
- Creating and performing SQL queries; maintaining databases, and database security
- Supporting ~700 staff and 50+ applications (hospitality, gaming, POS, accounting)
- Working experience with FortiGate firewall, Splunk, and CrowdStrike
- Worked on creating and maintaining user Access Policy for 50+ applications

CUNY Research Foundation — Computer Programmer (Aug 2021–Sep 2023)

- Built and hosted website with TLS; AWS Lambda and S3 usage
- Worked with Python, HTML/CSS/JS and assisted with data protection for PII

Washington County — IT Support Specialist (Jul–Oct 2023)

- Help desk support; N-Able RMM; Windows support; scripting

Town of Chester — Computer Support Specialist (Oct 2023–Jan 2024)

- Desktop and network support for town offices, and citizens.

Staples — Easy Tech Supervisor (Jan - May 2024)

Technician (Apr 2016–Jun 2018)

- Malware remediation, hardware repair, data recovery; supervised technicians

SUNY Adirondack — Help Desk Associate (Jan–May 2019)

- First-line IT support and troubleshooting

WSWHE BOCES — Computer System Associate (Summers 2015, 2018)

- Wireless AP installation, Group Policy maintenance, endpoint security deployment

TECHNICAL SKILLS

- Languages: Python, C++, Java, Ruby, PowerShell, bash
- Systems & Networking: Cisco IOS, FortiGate, Office 365 Security
- Security & Monitoring: Splunk, CrowdStrike, Mimecast, Itarian endpoint protection
- Database & Scripting: SQL, batch scripting, powershell scripting, VB Scripting, automation
- Cybersecurity Tools: Kali Linux (Metasploit, Nmap), GDB, Ghidra, Autopsy, Wireshark, Burp Suite
- Other: Incident detection/response, vulnerability identification, forensics basics