

Richard Rostum

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SKILLS

- **Applications:** Microsoft Office 365, G Suite, Adobe Suite
- **Operating Systems:** VMware ESXi, Microsoft Hyper-V, Windows, Windows Server, Linux, MacOS, Android, iOS
- **Technologies:** VPN (OpenVPN/WireGuard), Docker/Kubernetes, Nmap, Wireshark, DNS, Veracrypt, FTK Imager
- **Services:** AWS, Azure, Google Compute/GCP, Cloudflare
- **Languages:** Python, Bash, Powershell, HTML, CSS, LaTeX

EXPERIENCE

- **Booz Allen Hamilton** Washington, D.C.
Disaster Recovery Specialist 2023 – Present
 - Traveled to multiple clients across the country to restore systems infected with viruses/malware/ransomware/etc.
 - Coordinated with the local I.T. team and Digital Forensics and Incident Response to get the business back online.
 - Restored servers and end-user machines to working backups/re-imaged machines that could not be recovered.
 - Rebuilt domain controllers, hypervisors, and workstations if restoration was not possible.
 - Assisted clients with satellite offices in reestablishing inter-office network communication and recovery.
 - Used decryption tools to restore critical systems and workstations.
 - Helped clients with building an inventory tracker to confirm each machine on-site was investigated.
 - Installed and configured endpoint security software on all user machines and servers for monitoring.
 - Created forensic images of infected machines to run analysis on.
 - Assisted end users with getting back to day-to-day business.
- **Computer Resources of America** New York, NY
Network Administrator 2018 – 2022
 - Maintained networking infrastructures for 20+ clients, 100+ servers, 1000+ workstations.
 - Advised and provided input on network restructuring following the NIST framework/ISO 27001 for clients.
 - Configured MFA policies for all clients.
 - Wrote and continuously updated infrastructure documentation for clients.
 - Implemented remote deployment of antivirus software, backup software, and system updates.
 - Setup a critical alert system for remote server status (offline alerts, hard drive status, etc.).
 - Created and maintained weekly ticket reports to provide management and clients insight into issues.
 - Created and implemented several training programs for clients to improve cybersecurity/threat awareness.
 - Supported user and server-side applications.
 - Performed on-call support for all clients.

EDUCATION

- **New York Institute of Technology** Old Westbury, NY
Master of Science in Computer Science 2019 – 2021
 - Focus on courses centered on information security, cryptography, and physical security.
 - Worked on projects involving NIST Framework, ISO 27001, SOC 2, and MITRE ATT&CK.
 - Designed an Android application that extended the Google Maps API and Spotify API to generate music playlists based on location (i.e. Gym, Library, Shopping Center, etc.).
 - Utilized SDLC to build an A.I. TensorFlow application to recognize human handwriting.
 - Conducted network and packet analysis using tools such as Wireshark.
 - Compiled several Linux kernels from scratch and built out operating systems.
 - Built out several small-scale networks to attack utilizing OWASP.
- **New York Institute of Technology** Old Westbury, NY
Bachelor of Science in Computer Science 2015 – 2019
 - President of the Game Club (2017 – 2019)
 - Ran multiple events such as fundraisers and tournaments for the club.
 - Participated in Extra Life (Charity Event) 2016 – 2018.
 - Created a TESPAs chapter for NYIT in 2017 and established an Esports team.
 - Treasurer of the Game Club (2015 – 2017)