

Skills and Expertise

- Hardware & Software Modifications
- Cryptography Standards
- Documentation & Security Policies
- Physical & Network Penetration
- Printer/Scanner/Copier Repair
- Virtualization & Physical Environment Management
- Automatic Testing & Patch Management
- SQL, Batch, PowerShell, Shell & Python
- AWS - EC2, VPC, IAM, SecurityHub
- Lockpicking & Physical Security
- Proxy, CDN & Caching
- Cisco Network Equipment
- Packet Inspection and DFIR

Professional Experience

CASPER SLEEP

SECURITY ENGINEER

NEW YORK, NY

02/2020 - PRESENT

- Manage Bug Bounty Program. This includes the scoping, payouts, and remediation of security bugs by working with internal teams
- Defined and monitor processes that satisfy GDPR and CCPA compliance
- Worked with contractors to Penetration Test internal applications and publicly available assets
- Performed routine security audits across various systems and processes not limited to Google, 1Password, and PayPal.
- Planned and deployed AWS Firewall rules to protect serverless assets in the cloud.
- Manage alerting and take part in on-call emergency rotations.

UNCOMMONGOODS, LLC

SECURITY ENGINEER

NEW YORK, NY

01/2016 - 01/2020

- Deployed aggressive DMARC policies for production domains to ensure legitimate mail delivery.
- Authored company's first IT policy outlining security protocols, company standards and practices.
- Deployed and manage commercial UTM appliances alongside open-source IDS and IPS systems.
- Supply social awareness training for employees to recognize and combat new ransomware techniques.
- Report and triage critical vulnerabilities for both internal and public facing web applications.

UNCOMMONGOODS, LLC

SYSTEMS MANAGER

NEW YORK, NY

01/2013 - 01/2016

- Built and maintained opensource mobile barcode logistics scanners using Android and 3rd party hardware.
- Worked with 3rd party vendors to Penetration Test physical assets. Tests were performed using industry specific applications, privately coded tools, and manual expertise.
- Managed a team and developed standards for a new hiring process to ensure the best possible candidates for a potential technology role.

UNCOMMONGOODS, LLC

SYSTEMS ADMINISTRATOR

NEW YORK, NY

10/2009- 10/2013

- Ensured PCI compliance by implementing monitoring solutions, two-factor authentication, and other physical and logical policy enforcements.
- Maintained mixed virtual environment to host critical services internal and external facing.
- Designed and deployed an enterprise security camera system throughout our warehouses and main offices.
- Built and managed SAMBA and NAS systems, migrated and supported E-mail, DNS and DHCP servers, both internal and external environments were also kept to support maximum uptime.
- Maintained proximity card controlled security system for physical access control.
- Implemented a companywide ticketing system, a code revision system, and a private internal inventory system.
- Worked with programmers and developers to create a bug tracking system and custom logistics applications.
- Involvement with company department layout and scalable infrastructure growth.
- Deployed WSUS, Symantec Endpoint Protection and scheduled tasks resulting in a safe work environment.

ADL DATA SYSTEMS

IT MANAGER

NEW YORK, NY

01/2009 - 07/2009

- Supplied technical support for users, doctors and nurses experiencing network issues.
- Constructed and organized a group policy environment while supporting a clean Active Directory structure.
- Created and deployed standard images for new workstation builds and supported laptop distributions.
- Monitored inventory by creating scripts for evaluations of future upgrades on both workstations and server builds.
- Implemented an open source ticket system to improve cost efficiency and increase productivity.

INTERNATIONAL QUALITY & PRODUCTIVITY CENTER (IQPC)

GLOBAL DESKTOP ENGINEER

NEW YORK, NY

07/2008-10/2008

- Administered desktop, thin client, laptop, and server support for 300 users worldwide.
- Served as first level support for helpdesk calls by use of Track-IT ticket system.
- Maintained and monitored Juniper SSL FTP solution to be viewed in dozens of conferences, meetings, and events globally.
- Responsible for a solution to cleanup and re-cable entire server rooms by developing a power scheme model.
- Configured Cisco VOIP phones via Call Manager and Unity; configured and migrated Avaya phone networks to Cisco interface.
- Conducted troubleshooting and configuration for global Citrix users including terminal service.

O. S. CONSULTING, INC.

JUNIOR ADMINISTRATOR

NEW YORK, NY

10/2007-01/2009

- Administered onsite and remote troubleshooting services for desktop and laptop issues.
- Supplied hands-on client service to ensure general understanding of quick and easily implemented solutions for future issues.
- Installed, secured, and troubleshoot wireless networks with Linksys, Cisco, and SonicWALL devices.

Education and Training

- CompTIA Certifications - A+ Network+ Security+ CySA+ (beta)
- Networking & Security Studies
- Management Training
- FCC Radio Technician License
- Offensive Security Wireless Professional (OSWP)