

Michael DeSocio

B.S. Informatics Concentration in Cybersecurity

Focused and Passionate on the development and growth of Cloud Services and the secure use of Cloud Service Providers.

✉ mdesocio28@gmail.com

☎ 5187960672

📍 Queensbury, United States

🌐 mdesocio.com

INDUSTRY EXPERIENCE

Server Committee Lead

University at Albany, SUNY Cyber Defense Organization

01/2022 - Present

Albany, NY

A club at UAlbany that concentrates on Cybersecurity in both Blue and Red Team competitions.

Achievements/Tasks

- Transitioned hypervisors from Proxmox to XCP-NG (Xen Server) due to poor VM metadata handling by Proxmox.
- Redesigned network topology to ensure proper network segregation of services and clients.
- Created and Presented Workshops on Network Security, Virtualization, and Networking.
- Built Automation scripts to patch, deploy, and execute commands across multiple VMs using Python and Ansible.

Infrastructure Consultant Creatorsphere Ltd.

07/2021 - 03/2022

London, England

Startup Multimedia Content Delivery Platform

Achievements/Tasks

- Maintained company cloud infrastructure and patching.
- Ensured service reliability when called upon.
- Updated all internal wikis and company documentation when necessary.

Systems Administrator CreatorSphere Ltd.

03/2021 - 06/2021

London, England

Startup Multimedia Content Delivery Platform

Achievements/Tasks

- Deployed vSphere in OVH to build internal wikis, messaging, VPN, and monitoring tools.
- Managed and scaled hosted applications and MySQL Databases across all major cloud providers.
- Developed a company Disaster Recovery Plan (DRP) and internal documentation.

Network Consultant Various Organizations

12/2018 - Present

Glens Falls, New York Area

Local Churches and Small Businesses

Achievements/Tasks

- Design, install, deploy, and manage network devices and services utilizing SD WAN solutions such as Ubiquiti UniFi Networks.
- Ensured uptime for organization critical infrastructure.
- Deployed and Managed VOIP and SIP services.

EDUCATION

B.S. Informatics

University at Albany, SUNY

01/2021 - Present

Concentration in Cybersecurity,
GPA: 3.21

Utilizing public college and federal accreditation to increase my knowledge of the cyber security field.

- Developing knowledge regarding risk mitigation and incident response while educating students on the importance of TTPs (Techniques, Tactics and Procedures) and IoCs (Indicators of Compromise).
- Anticipated Graduation 2023.
- Relevant courses include Networking and Cryptography, Introduction to Digital Forensics, Information Security Assurance.

TECHNICAL SKILLS

Infrastructure Technology

Virtualization, Storage Architecture, Open Source Applications and Software, Firewall Deployment, SDN and SD-WAN Network Equipment Management & Deployment.

Systems Administration

Microsoft Office 365 Administration, Microsoft Active Directory Administration, Google Workspaces Administration, LDAP, and RBAC; Patch Automation using Ansible Playbooks and Python.

PERSONAL PROJECTS

Personal React Website (11/2021 - Present)

- Deploy with zero cost hosting (minus domain cost).
- Ensure a secure site with little personal information as possible.
- Responsive web design.

TrueNAS Personal NAS Build (01/2021 - Present)

- Using ZFS as a reliable RAID for over 30TB of personal data (photos, music, documents, videos).
- Local Snapshots of ZFS with Daily S3 Bucket Syncs to BackBlaze B2.
- Utilizing SHA512 Encryption of Files prior to Cloud Sync.

INTERESTS

Woodworking

Camping

Jazz/Classical Music

Theater

Community Advocacy