Ryan Carnovsky

SKILLS, ACCOMPLISHMENTS, AND CERTIFICATIONS

- CompTIA A+, Network+
- HackUCF Infrastructure Development
- Collegiate Cyber Defense Competition and Collegiate Penetration Testing Competition
- Homelabbing experience with Hyper-V, Active Directory, and more

EDUCATION

University of Central Florida — *B.S. Information Technology*

AUGUST 2018 - MAY 2022, Orlando, FL

- Used Terraform to spin up and down resources in Azure, used for learning cybersecurity tools such as Cowrie and Nessus
- Gave presentations on Docker, Git, and CI/CD pipelines

EXPERIENCE

Glesec, LLC — *Cybersecurity Systems Engineer*

APRIL 2021 - PRESENT

- Deployed and managed multi-site Active Directory environment
- Created multiple group policies to ensure security of company workstations and servers
- Integrated SSO into company-wide applications
- Managed Palo Alto firewalls using AppID and UserID, as well as GlobalProtect VPN
- Managed AWS infrastructure, including EC2, VPCs, and ECR
- Automated deployment and configuration of on-prem and cloud resources using Terraform and Ansible
- Architected two hardware security appliances to deploy company managed services at client sites utilizing virtualization and containerization
- Applied NIST and CIS controls to company machines and SaaS platforms to ensure industry standard security and hardening best practices
- Utilized containers to streamline the process of collecting customer logs
- Used automation tools such as Ansible and Powershell to automate configuration of servers and workstations, as well as AD users
- Created various Splunk dashboards for SOC to utilize when investigating security events
- Migrated from on-premises Splunk deployment to Splunk Cloud SaaS
- Used Nessus to manage and fix vulnerabilities
- Configured and deployed network monitoring solution for both internal use and client use

Nova Southeastern University — *IT Technician*

OCTOBER 2020 - APRIL 2021

- Responsible for end user support over phone, live chat, and through tickets
- Supported AV equipment installed in classrooms, including projectors, TVs, and Extron equipment
- Assisted users with setting up MFA on their devices through Microsoft Intune

Glesec, LLC — *SOC Engineer Intern*

JANUARY 2020 - AUGUST 2020

- Monitored and protected customer networks from threats
- Managed Active Directory integration into company used applications
- Created Splunk dashboards to provide security metrics to clients
- Wrote technical and executive reports to clients on monthly basis

ORGANIZATIONS

Hack@UCF

SEPTEMBER 2019 - PRESENT

- Vice President
  - Coordinated with both internal club members as well as industry professionals to plan cybersecurity related talks and workshops for members
- Operations Member
  - Assisted in the planning of meetings and workshops
  - Presented on cybersecurity tooling
  - Presented in multiple presentations related to Red Team applications, including live demonstrations of Kerberoasting

HackUCF Infrastructure Team

APRIL 2021 - PRESENT

- Built a custom web panel and API for members to create and interact with their virtual machine instances using VueJS and ExpressJS
- Containerized applications with Docker to build a semi-serverless architecture
- Managed code revisions, versions, and releases with Github
- Wrote CI/CD pipelines to automatically test applications and build them into containers for automatic deployment

UCF C3 Teams

JANUARY 2019 - PRESENT

- 2019-2020 - Collegiate Cyber Defense Competition
  - Defense and System Administration tasks on a simulated enterprise environment with active penetration testers
  - Mainly focused on securing and defending Windows-based workstations and servers
- 2021-2022 - Collegiate Penetration Testing Competition
  - Developed and sharpened penetration testing skills, including both technical skills and technical writing skills