

DRAYE ARTHUR

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OBJECTIVE

Dedicated and self-driven IT professional with a strong passion for system administration, network management, and cybersecurity. Seeking opportunities to leverage my extensive knowledge and skills in Linux, Ansible, Python, cybersecurity, and network administration to excel in a cybersecurity-focused career.

SKILLS

Linux

- Proficient in Linux administration with extensive experience in various Linux distributions, including Oracle Linux and RedHat-based systems.
- Skilled in configuring and managing servers for diverse purposes, such as CTF, DHCP, PXE, Open VPN, Homeguard, and web hosting.
- Familiar with a range of Linux distributions, including Arch Linux and Parrot OS.

Automation and Scripting

- Proficient in Ansible, with experience in playbook creation for automation tasks.
- Developed and implemented scripts in Bash for various purposes, including archiving, data manipulation using REGEX, and more.
- Proficient in Python and created scripts, including a MQTT loadtester and an ARP spoofer for network analysis.

Web Development

- *Competent in JavaScript and web development frameworks, including Express.js and Vue.js.*
- Developed web applications with API architecture and have hands-on experience with HTML and CSS for static website creation.

Security and Networking

- Actively participate in Capture The Flag (CTF) competitions and penetration testing activities.
- Experienced in working with Cisco networking equipment, including routers, switches, NGFW, WLC, and AP.
- Familiar with Fortigate firewall systems and concepts.

DevOps and Tools

- Utilized Docker for sandbox server deployment and application hosting.
- Proficient in configuring and securing servers using Iptables and firewallCMD.
- Experienced in Windows Server administration, including Active Directory and Group Policy Object (GPO) management.

Monitoring and Metrics

- *Created a Prometheus exporter using Golang to extract metrics from MQTT brokers for use in Grafana dashboards.*

IoT and Hardware

- *Proficient in Arduino for home automation, monitoring, and security using NODEMCU and MQTT.*

Blogging

- *Created a dedicated blog using HEXO.io to document IT learnings and share knowledge.*

EXPERIENCE

Cisco - Network Engineer 2023

- Troubleshooted Cisco devices, ensuring network reliability.
- Applied knowledge of basic switching and routing principles.
- Managed cable infrastructure for optimal performance.
- Utilized Vcenter for efficient device management.
- Translated network topologies from paper into real-world implementations.

Cyber Security Challenge – Competition 2023

- Earned finalist status in the CSCBE challenge.
- Competencies in forensic analysis, penetration testing, and Capture The Flag (CTF) competitions.

Omya – IT support 2022

- Provided tier 1 and 2 helpdesk support.
- Organized and assigned devices for efficient IT operations.
- Resolved issues with Windows-based devices.

Infrabel – System Administrator - Internship 2021

- Interned as a system administrator in the Middleware team.
- Developed and implemented scripts for automation.

UNHCR / ONU – IT support - Internship 2015

- Delivered tier 1 and 2 helpdesk support.
- Conducted archiving tasks

EDUCATION

Bachelor in network and Cybersecurity	2023
• Haute Ecole en Hainaut	
CESS	2015
• Collège Technique Saint-Jean	
Qualification IT	2015
• Collège Technique Saint-Jean	