ARTHUR DRAYE

IT ENTHUSIAST & PROFESSIONAL

CONTACT

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QUALITIES

Autonomous

Self-taught

Analytical & synthesis skills

Creativ
e

EDUCATION

Collège Technique Saint-Jean

Qualification + CESS (computer science)

2008-2015 [Wavre

Haut école en Hainaut

Bachelor's degree in Computer Science, majoring in networks & telecommunications with security option 2023 | Mons

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LANGUAGES

English ▬▬▬▬▬▬▬▬

Français ▬▬▬▬▬▬▬▬▬

COMPETITION / CTF

Cyber Security Challenge

Team : Ouais c'est pas mal

March 2023 - 19th finalist (Belgium)

CyberWeek

Team : Claquette chaussette

October 2023 - 2nd (Belgium)

HKCERT

Team : Bobby

December 2023 - 17th (China)

PROFILE

I'm an IT enthusiast looking to develop my career in networking, sysadmin & cybersecurity. I'm very self-taught. I've created a blog dedicated to IT based on my knowledge of programming, systems administration & cybersecurity. I have completed several CTF/Hacking competitions to gain experience in pentesting. I'd like to pursue a career in this field.

TECHNICAL - SKILLS

Linux   since 2015

- Mastery of Linux administration with extensive experience in various Linux distributions, including Oracle Linux and RedHat-based systems.
- Services integration - such as DHCP, DNS, SYSLOG, LOGANALYZER, Open VPN, PXE, Web Server, NGINX, SMTP, APACHE2

Networks

- Switch & router configuration (CISCO, OpenWRT)
- AP and WLC configuration
- Use and application of TCP/IP concepts
- VLANS management
- Static & dynamic routing

Cybersecurity

- Use of network frame analysis tools (Wireshark)
- Use of web service attack tools (BURP)
- Creation of scripts (Python) to corrupt a service
- Basic knowledge of FORTIGATE

Development & Scripts

- Script creation in Bash/Python
- Basic knowledge of how ASM x64 works on a NASM compiler

WEB development

- Web page creation in CSS/HTML & Javascript (Frontend)
- Basic knowledge of the VUE.js framework
- Knowledge of Express.js framework with Node.js (Backend)

SOFT - SKILLS

- Flexibility
- Frank
- Team spirit

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HOBBIES

Creating & managing a personal server/network infrastructure

- Building up my independent infrastructure in the manner of a corporate network, so as to gain a global understanding of my network and independence.

Participation in programming / cybersecurity challenges

- Participation in adventofcode, which features the advent calendar in the form of a daily algorithmic challenge.
- Completion of a few challenges on the root-me site (CTF). Score: 600 points
- Link to my profile: https://www.root-me.org/TheStickmanGuy?lang=fr#9d81c69ad984df0fea73cf0532ed4547

News

- I keep up to date with cybersecurity advances & vulnerabilities.
- Source: BleepingComputer, CyberScoop, Dark Reading, Hacker News,...

Games

- Boards: Zombicide, DiceThrones, 7Wonders, ...
- Videos: League of legends, Risk of rain 2, Minecraft, ...

Piano

- Self-taught piano player for the past ten years.

EXPERIENCES

Systems administration - Middleware
January to April 2021

Infrabel - Intern

- Research & creation of a load tester on the MQTT protocol in order to obtain metrics on the resources used by the cluster and analysis of the results via Zabbix.
- Creation of a "metrics exporter" in Golang to send data to the Grafana service.
- Creation of dashboards on Grafana to display metrics obtained via Prometheus.
- Creation of Bash scripts to sort & archive cluster log data (crontab job)
- Created Python scripts to populate a VAULT database to provide a secure password solution.

IT Support

OMYA - Employee
October to December 2022

- User problem management
- Computer stock management
- Equipment troubleshooting

Junior Network Engineer

CISCO - Consultant
March to October 2023

- Reproduction of network topologies in the laboratory
- Network device management (AP, WLC, IXIA, ROUTER, SWITCH)
- Virtual machine creation & management in Vcenter
- VLAN creation and assignment
- Creation of network routes
- Switch/router troubleshooting
- Physical management of equipment (fiber optics, SFP, cabling)
- Line card management