

Yoann François

NETWORK & SECURITY DEVSECOPS ENGINEER · ENGINEERING STUDENT IN COMPUTER SCIENCE AND NETWORKS AT INP-ENSEEIH · EXPECTED GRADUATION: 2027

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"Industrious, Diligent, Cooperative"

Summary

As a motivated student in Computer Science and Networks, I aim to apply my skills to meaningful projects. Your company, SPIE ICS, has proven itself as a market leader, acquiring the lead on big projects for major clients. You did this while keeping the trust of your employees, since they are one of your biggest shareholders. I think that this contract for Airbus for which I apply represents an ideal opportunity for collaboration. I am ready to actively contribute and learn within your team as you will soon see, hopefully, the advantages of having a student that already has the knowledge necessary to get started on the advertised job role.

Work Experience

SPIE ICS, subcontractor for Airbus Aircraft Europe

Blagnac, France

NETWORK & SECURITY DEVSECOPS ENGINEER

Sep. 2024 - Present

- Designed and provided secure automation scripts (Python) tailored to the different networks team needs. (Netmiko, Nornir, YANG, etc.)
- Created a network state snapshot tool to support Disaster Recovery activities on a large scale.
- Worked in an international context on a daily basis, giving presentations and workshops in english to other team members from all parts of the globe.
- Negotiation level english helped to properly identify the needs of our clients.

Urban Community of Grand Albigeois (85,000 citizens)

Albi, France

SYSADMIN, DEV, AND CYBERSECURITY INTERNSHIP

Apr. 2024 - Jun. 2024

- Contributed to help and mitigate the impact of a cyber-attack, with proactive hardening, cooperating with national authorities (CERT-FR, ANSSI), coordinating the actions of international tech support, onfield operator, and executive management.
- Built a middleware in Python and NodeJS as to enhance VMS capabilities (REST API) in order to centralise alerts coming from legacy sensors (MQTT), helping non-technical people to implement ad-hoc sites and sensors through a web GUI (PostgreSQL, Node-RED dashboards).
- Study of the architecture of an API for physical access control and design of a Proof of Concept for LDAP implementation.

Vère Grésigne leisure park

Castelnau de Montmiral, France

LIFEGUARD AND RENTAL BUSINESS

Summer 2021 & 2022

- Welcomed clients and helped with/rented equipment (mostly native english speakers).
- Teamplying skills were put to test as to help, advise, and warn customers for their safety.

Certificates

2025
(ongoing) **CCNP ENARSI**, Cisco

2025
(ongoing) **Neo4J Certified Professional**, Neo4J

2021 **C1 Cambridge English Certificate (CAE)**, Cambridge University Press & Assessment

2023 **CCNA: Switching, Routing, and Wireless Essentials**, Cisco

2022 **Google IT Automation with Python Specialization**, Grow with Google Coursera

2024 **Jr Penetration Tester Path**, TryHackMe

2024 **Cybersecurity Essentials**, Cisco

2023 **CCNA: Introduction to Networks**, Cisco

Education

INP-ENSEEIH

Toulouse, France

ENGINEERING DIPLOMA EQUIVALENT TO MSc IN COMPUTER SCIENCE AND NETWORKS

Sep. 2024 - Present

- A "top-ranking French public engineering school".
- Allowed me to do "alternance", a french specificity allowing good students from a technological background to pursue a job as an engineer whilst studying for their engineering diploma.
- Top students can attend TLS-SEC, a cybersecurity MSc uniting the top local universities.
- Hosts multiple events such as "Le Capitole du Libre" a Free Open Source Software convention.

IUT de Blagnac

Blagnac, France

DUT IN NETWORKS AND TELECOMMUNICATIONS WITH SPECIALIZATION IN CYBERSECURITY

Sep. 2022 - Jul. 2024

- Equivalent to the first two years of a bachelors degree in Networks and Computer Science.
- Ranked 2nd, 3rd, 2nd, and 1st chronologically in the 4 semesters.

Extracurricular Activity

Pentesting e-learning

Home, France

HTB & THM ACTIVE MEMBER

Sep. 2022 - Today

- Working on the Certified Penetration Testing Specialist certification on HackTheBox.
- Cleared most of TryHackMe relevant modules, top 1% member.
- Personal hobby that helps in identifying major software and infrastructure flaws, enabling me to better enhance the security of my Software Development LifeCycle.

HomeLab enhancement

Home, France

SYSTEM ARCHITECT

Jul. 2024 - Today

- Design and secure a homelab environment allowing for local pentesting, self-hosting and trying out various tools.

Skills

Languages Native French, Negotiatonal English, B2 Spanish

DevOps Docker, Ansible, AWS, AWX, Kubernetes, Terraform, Jenkins, Tufin, GitLab, Vault, IPFabric, Netbox, Vagrant

Programming Python, C, JAVA, Golang, ADA, Bash, PHP, SQL

Networks Cisco, Palo Alto, Juniper, Arista, Fortinet, ARP, ICMP, TCP, UDP, DNS, HTTP, FTP, SSH, VLAN, STP, RIP, OSPF, BGP, MPLS

Secure Architecture VPN, FW, DMZ, iptables, VRF, Bastion

Pentesting BurpSuite, nmap, mimikatz, sleuthkit, volatility, metasploit, greenbone, john, hydra

WebDev HTML5, CSS3, Django, REST API