KEVIN ROUX
Cybersecurity, System & Network Engineer

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CERTIFICATIONS
French driving license (AM, B1, B)

ANSSI : MOOC

FORTINET : Fortinet Certified Fundamentals Cybersecurity

CISCO : Cybersecurity Essentials, Introduction to Cybersecurity, CCNA Introduction to Networks, CCNA Switching, Routing, and Wireless Essentials

HP – ARUBA : Security Essentials, Networking Essentials, Mobility Essentials

SKILLS AND ABILITIES
CYBERSECURITY
Nessus, Nmap, Metasploit, Aircrack-ng, Hashcat, Responder, Scripting, Volatility

SECURITY
Fortinet, Stormshield, WatchGuard, Pfsense, Opensense

NETWORK
Cisco, HP-Aruba, 3Com, Alcatel, Huawei

SYSTEM
VMWare, VirtualBox, Linux, Windows, Windows Server, Active Directory, Docker, Centreon, EyesOfNetwork, WhatsUp Gold, Exchange, Mailcow

PROGRAMMING LANGUAGES
C, C++, C arduino, assembly, Python, MySQL, SQL, Java, C#, JavaScript, PHP

LANGUAGES
- French: Native
- English: B2 (TOEIC 830)
- Spanish: A2

HOBBIES
Sport: swimming, skiing, cycling
Travel: Morocco, Kenya, United States, Peru, Egypt, India and many countries in Europe

PROFESSIONAL EXPERIENCE
APPRENTICE NETWORKS AND SECURITY ENGINEER
Axians, 2022-2025, Venissieux (France)
- Fortinet, Cisco, HP-Aruba, 3Com, Alcatel, Huawei.
- Security, LAN and wireless.
- Audit, staging and study of infrastructures.
- Intervention of IT equipment at the customer's premises.
- Carrying out on-call duties

WEB DEVELOPMENT AND DATA ANALYSIS INTERN
Data4You z.s, 2024, Prague (Czech Republic)
- HTML, CSS, SCSS, JS, Node.js, Ajax, React, Laravel, Docker
- Code audit
- Participation in the development of Naxos (naxos.cz) an auction website (Test automation with Laravel), in the development of Dolbite (dolbite.com) a learning website (Data visualization, admin view)
- Creation of a certificate generator

RESEARCH INTERNSHIP
Saint-Étienne School of Mines, 2024, Saint-Etienne (France)
LIMOS UMR CNRS 6158 – FAYOL Institute - Computer science and intelligent systems
ANR ACCELER-AI project:
- Documentary research on multi-agent systems
- Developed traveler behavior for multi-modal simulator in Java

IT TECHNICIAN INTERNSHIP
Town hall of Dardilly, 2022, Dardilly (France)
- Cybersecurity : WatchGuard (firewall management, EDR), phishing campaign.
- Network : network troubleshooting, TLS, FTP server, VLAN, EyesOfNetwork
- System : Active Directory, Exchange, Veeam, VMware.

JOB SHADOWING
Viveris, 2018, Villeurbanne (France)
Observation of system and network engineer, test and validation analyst, telecommunications and connected objects engineer, embedded system engineer, developers, electronics engineer.

JOB SHADOWING
LDLC, 2016, Lyon (France)
Observation of the profession of IT technician.

TRAINING
CESI GRADUATE SCHOOL OF ENGINEERING
IT specialty, Systems & Networks elective, Cybersecurity option, 2020-2025
- Winning team of the Cesiak2025 CTF
- Cybersecurity: Pentest/Audits (OSSTMM, PTES, OWASP), Forensics (SIEM) and cryptography, IDS, IPS.
- Security: Stormshield, Pfsense, Opensense.
- Network: LAN, WAN, WLAN, OSPF, EIGRP; BGP, MPLS, SD-WAN VPN SSL/IPsec, VoIP, QoS
- System: VMWare, VirtualBox, Windows Server, Active Directory, Exchange, PowerShell, Linux, Docker, Centreon.
- Programming: Embedded systems (C, Arduino C, assembler); creation of backup software in C# .NET, database management software (C++, SQL), full-stack website (Nginx/Apache, HTML, JS, PHP, CSS, MySQL); big data (Talend, Hive, Hadoop, Power BI); ML, RO and Signal Processing in Python

CHEVREUL LESTONNAC HIGH SCHOOL
Scientific Baccalaureate with honors, Mathematics specialization, 2017-2020