Badreddine Iheb

Network & Telecommunications Apprentice

📞 Contact

📞 +33 6 72 05 70 78

@ badreddineiheb0@gmail.com

📍 Colmar , 68000

🚗 Permis B

👤 Profile

Student in a BUT in Networks & Telecommunications, majoring in Telecommunications and Networks at IUT of Colmar.
I am currently completing a work-study apprenticeship at Emerson Process Management SAS, where I develop skills in network administration, telecommunications, IP infrastructure, network security, and system supervision. Rigorous, autonomous, and adaptable, I enjoy working on technical projects and in operational environments.

Langues Parlées

- French — C1

- English — C2

- Arabic — Native

Interests

- Member of CRS Kairouan (2020–2023)
- Member of APPA Kairouan (2018–2023)
- Member of the Scout Movement
- Member of UCL 2022
- Member of TMUN Kairouan 2024

💼 Professional Experience

Network & Telecommunications Apprentice
Emerson Process Management SAS   2024-2026

My work at Emerson mainly focuses on network and IT infrastructure projects. This includes:
- Configuration and architecture of networks
- Management and reorganization of directories
- IP addressing management
- Deployment and support of on-site IT equipment

IT Support Intern   2019 - 2020
Milva et Laboratoires Kingflex
- 6-week IT internship
- User support and basic system maintenance

📖 Projects

Network patch panel refurbishment and reorganization
- Analysis of the existing infrastructure and identification of cabling issues
- Network equipment upgrade (switches, patch panels, servers)
- Improvement of network reliability, security, and maintenance
- Testing of network links and RJ45 ports

Active Directory management and security
- User account and access rights auditing
- Creation of a structured and secure directory hierarchy
- Definition of Group Policies and access rules
- Automation of security and management tasks

Cybersecurity testing
- Penetration testing on vulnerable systems (Kali Linux, vulnerable machines)
- Analysis of vulnerabilities (SQL injection, XSS, MITM, ARP spoofing, etc.)
- Network traffic analysis with Wireshark, Ettercap, Burp Suite

Secure network deployment
- Creation of virtualized networks (VirtualBox / VMware)
- Router configuration (firewalls, VLANs, routing, NAT)
- Deployment of secure services (VPN, DNS, HTTPS)
- Secure communication testing

🎓 Education

BUT in Networks & Telecommunications   2023 - 2026
IUT de Colmar

Début d'un BUT Réseaux et Télécommunication avec une spécialisation en cybersécurité à l'IUT de Colmar. Cette formation permet d'acquérir des compétences solides en informatique, en sécurité des réseaux, ainsi qu'en administration et gestion de systèmes, tout en abordant de nombreux aspects techniques et pratiques du domaine.

General Baccalaureate   2022 - 2023
Candidat Libre

Obtention d'un baccalauréat général en candidat libre, avec les spécialités mathématiques et physique .