Youssef EL SHAMY
Cybersecurity/telecommunications internship

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In the second year of my Bachelor's degree in networks and telecoms, I'd like to add real value to your team during my 10-week internship in April. I'm passionate about IT and IT security, and want to put my network and programming skills to work on your projects. My approach is to make an active contribution while continuing to develop my skills and fostering a collaborative, high-performance environment.

Skills

Administration: administering networks and the Internet
- Installation and configuration of local networks with network equipment
- Linux system administration
- Managing users, authorisations, automating tasks and modifying configuration files

Connect: connecting companies and users
- Study and application of Hertzian transmission in various technologies (WIFI, bank cards)
- Design of a secure multi-site IT network

Programming: creating IT tools and applications for R&T
- Secure web development :
  - Programming a Quizz website with chat functionality in Python
  - Use of a Firebase database
  - Enhanced security (password hashing)
- ARP spoofing" attack following the Man-In-The-Middle attack with Python and ScapyEnhanced security (password hashing)

Security: administering a secure information system
- Pentesting process
  - Intrusion testing with Nmap, Nessus, Metasploit
  - Recommendations for solutions
- Modernisation of a town hall's IS
  - Application of ISO 27001
  - Risks management
  - implementation of a security policy

Software skills

Common tools
- [Nessus | Nmap | Metasploit | SET | AirCrack-ng] (**4**/5) - [GNS3] (**4**/5)
- Github | Notion (**4**/5)
- Microsoft 365 / Libre office (**4**/5)
- Adobe Express (**4**/5)

Programming languages
- Python (**4**/5)
- Bash (**4**/5)
- HTML/Css (**3**/5)
- Arduino (**2**/5)

Diplomas and training

University Bachelor of Technology in Networks and Telecommunications cybersecurity option
Since 2022
Villetaneuse University Institute of Technology, Sorbonne Paris North University
Villetaneuse
- **Main subjects:** network architectures, system administration, IS security, math/electronics

STI2D baccalauréat (science and technology for industry and sustainable development)
From 2019 to 2021 Charle de Gaulle High School Poissy, France
Obtained with first class honours

Assets

Enterprising

Reliable

Team spirit

Meeting deadlines

Languages

- **English**
  B2: Daily vocabulary
  oxford certified

- **French**
  Native

- **Arabic**
  Native

Interests

Information Technology

Travels

Design

Cryptography

Professional experience

Graphic designer
August 2021
Globe Training & Consulting
Poissy, 78300, France
- Compliance with functional specifications
- Design of promotional flyers for language courses

Architecture internship
2018
Alafa Bâtiment Aulnay Sous-Bois, France

My Portfolio