

Ludovic Teixeira

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Aspiring Cybersecurity Engineer



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Driver's license holder

PERSONAL STATEMENT

Dynamic and motivated network and telecommunications student with a strong foundation in network security and a passion for emerging technologies, particularly AI in gaming. Known for being sociable and collaborative, I successfully coordinated and contributed to projects, including the development of a complex network infrastructure for a medical office, where I managed team tasks and ensured a cohesive, functional system. Enthusiastic about the continuous learning that the cybersecurity field offers, I am driven by the opportunity to adapt and innovate daily to meet evolving challenges. I am eager to apply my skills and broaden my technical and strategic expertise, with the long-term goal of becoming an engineer in cybersecurity, where I can continue expanding my knowledge and critical thinking abilities.

WORK EXPERIENCE

IT Technician (Work-Study Program) - Toulouse-Blagnac Airport September 2024 – August 2026

- Managed IT equipment and infrastructure
- Oversaw operational systems of the airport

Intern - ONATI, French Polynesia

December 2022

- Deepened knowledge in network management
- Conducted on-site interventions with a technician
- Repaired ADSL and fiber internet connections

EDUCATION

- Bachelor Universitaire de Technologie in Cybersecurity and Network Management

August 2023 – August 2026

IUT (Institute of Technology) de Blagnac
University of Toulouse JEAN-JAURÈS

Key project

- Cybersecurity Fundamentals Exploration

Gained foundational knowledge in cybersecurity, focusing on various attack techniques and defensive measures. Practiced DNS spoofing and password attack methods (such as brute force and dictionary attacks), and developed proficiency in Linux environments for secure network management. Additionally, completed the ANSSI's cybersecurity MOOC, deepening understanding of the latest standards and practices in national cybersecurity.

- Interconnected Networks Project

Designed and implemented two distinct interconnected networks, each with unique requirements, following a detailed project specification. Configured a shared DHCP server to serve both networks, established Access Control Lists (ACLs) to manage traffic, and deployed essential network services such as SFTP, HTTPS, and other security protocols. This project emphasized the ability to meet a comprehensive set of technical specifications while ensuring stable and secure connectivity between remote locations.

- Medical Office Network Implementation

Built a fully operational network for a medical office, integrating a range of network services to support daily operations. Set up SFTP, SMTP, and email services (Thunderbird), as well as Active Directory Domain Services (ADDS) to manage user access and security. Additionally, implemented telephony services using softphone applications to facilitate internal and external communications, ensuring the network was reliable, secure, and compliant with data protection standards in healthcare.

- **Baccalauréat (French high-school diploma) - Specialization in Mathematics and Computer Science with Highest Honors (Mention Très Bien)**

Lycée La Mennais - French Polynesia

Graduated in 2023

TECHNICAL SKILLS

Networking

- Installation and implementation of servers: Windows Server 2019, 2022
- Protocols: Ethernet, TCP/IP, IPv6
- Setup and configuration of Cisco switches and routers
- Certification: Cisco - CCNA 1 (98.2%)

IT

- Web server and FTP server environments: Linux, Windows (Apache, IIS)
- Operating Systems: Windows, Linux (CentOS, Ubuntu)
- Programming Languages: C, HTML/CSS, Python, Bash, PHP
- Software Proficiency: Word, Excel, Visio, PowerPoint
- Databases: Oracle, SQL
- Virtualization Platforms: VMware, VirtualBox, Docker

Network Security

- Technologies: Firewall, DMZ, VPN, Stormshield, ACL
- Knowledge of Pentesting and Vulnerability Assessment
- Familiar with National Cybersecurity Standards (ANSSI)

Telecommunications

- Digital Networks: ADSL, PDH, SDH, ONT
- Wireless Transmission: OFDM, Bluetooth, DECT

INTERESTS AND ACTIVITIES

- **Basketball:** Played in a club throughout middle school and continue to practice independently. This sport has instilled a strong sense of team spirit, cohesion, and leadership, which I carry into my professional work environment.
- **Technology and Innovation:** Passionate about all things tech, particularly the latest advancements in artificial intelligence. My curiosity drives me to stay updated on cutting-edge discoveries and innovations, making me adaptable and well-prepared for the rapid evolution of the technology sector.
- **Music:** A dedicated listener and enthusiast, especially of genres that inspire calmness and focus. My interest in music cultivates a balanced mindset, helping me stay composed and focused even in high-pressure situations.

REFERENCES

Available upon request

