

# Wallace HOLANDA DA SILVA

NETWORK AND SYSTEM ADMINISTRATOR



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## PROFILE

Having recently graduated with a Bachelor's Degree with a specialization in the field of Networks and Telecommunications, with a specialization in Cybersecurity, I aim to deepen my expertise in the Information Technology field. I am a curious, motivated and autonomous person.

## SKILLS

Network architecture

Systems administration (Linux, Windows)

Network equipments (Router, Switch, AP)

Firewalls (Stormshield, Fortigate, PfSense)

Servers (MySQL, DNS, Apache, Windows)

Virtualization (VMware, VirtualBox, Proxmox)

Monitoring (Nagios, Zabbix, Splunk, Wazuh)

Programming (Web, Python, C#, C++)

Telephony (Asterisk, 3CX, FreePBX)

Fiber optic splicing

## LANGUAGES

Portuguese (First language)

French (Fluent)

English (B1 Level)

Spanish (A2 Level)

## INTERESTS & HOBBIES

Sports (Running, weight training)

Guitar

Drawing

Video game development (Unity)

Arduino circuits

Video editing

## EDUCATION

### Bachelor's Degree in Network and Telecommunications, specializing in Cybersecurity

Kourou, French Guiana

*Kourou University Institute of Technology | 2021 - 2024*

Certifications : - CCNAv7 (Cisco Certified Network Associate)

- Projet Voltaire (French orthography certification)

### High School Diploma in Sciences and Technologies of Industry and Sustainable Development, specializing in Architecture and Construction

Kourou, French Guiana

*Gaston Monnerville High School | 2021*

## WORK EXPERIENCE

### Profil Numérique

Improving a company's IT infrastructure with a cybersecurity-focused approach, including threat prevention, data encryption, and access control.

- Writing a Technical Architecture Document detailing the project's stages and proposed solutions.
- Implementing a triple backup system between two NAS and a remote Cloud.
- Monitoring various network resources using ManageEngine.
- Migrating from Windows Server 2019 Essentials to Windows Server 2022 Standard.
- Ensuring GDPR (General Data Protection Regulation) compliance within the company.

### Sodexo Guyane Services

Relocation and documentation of a LAN network.

- Diagramming the company's network.
- Performing the relocation and cabling of physical network equipment.
- Proposing Wi-Fi connectivity within the company.

## PROJECTS

### Designing an IT network for a small business

In this group project, our goal was to design a network from scratch for a small company.

### Wi-Fi coverage analysis and study

In this group project, our objective was to conduct a Wi-Fi analysis within the institution to identify potential issues and failures in the Wi-Fi network.

### Setting up a CTF (Capture The Flag)

For this project, my goal was to set up a CTF using the CTFd platform and virtual machines to create challenges of varying difficulty levels.