

ABOUT

As a first-year student in Systems and Network Administration at IPSSI, I would be honored to apply the skills I have acquired this year within your company. Working alongside your team would allow me to deepen my knowledge and further develop my expertise.

- SKILLS
- Proficiency in Windows Server
 - Proficiency in Proxmox
 - Proficiency in Cisco hardware
 - Proficiency in Linux servers (Ubuntu Server) and Linux distributions (Ubuntu, Debian, Arch Linux, Asahi)
 - Languages: French (native), English (professional)

PROFESSIONAL EXPERIENCE

SYSTEMS ADMINISTRATOR

March 2025

- Developed my portfolio using HTML, JavaScript, CSS, and PHP
- Purchased a domain name (samueldecarnelle.com)
- Redirected the domain to the static public IP of my ISP router
- Created a Ubuntu Server VM on my Proxmox hypervisor
- Installed Apache2, PHP 8.3, and MySQL Server
- Customized MySQL Server and Apache2 configurations to enhance server security
- Closed all ports except ports 80 and 443 using UFW
- Configured port forwarding to direct ports 80 and 443 from the router to the web server
- Installed an SSL certificate using Let's Encrypt to enable HTTPS encryption
- Strengthening SSH Security with Fail2Ban
- Securing Web Applications with ModSecurity (WAF)
- Configuring Nginx as a Reverse Proxy
- Enforcing HTTPS Redirection in Nginx
- Automatic Update Script in Bash

SYSTEMS ADMINISTRATOR

February 2025

- Simulation of an IT infrastructure for a company using Windows Server 2022 and VMware
- Implementation of Active Directory (AD DS) to centralize management
- Organization of Active Directory by departments (HR, IT, Finance, Sales, Support) and roles (Employees, Managers, Administrators)
- Deployment of WDS to automate operating system installations
- Setup of DHCP for IP address assignment
- Setup of DNS for domain name resolution
- Configuration of Group Policy Objects (GPO)
- Implementation of Multi-Factor Authentication (MFA)

SYSTEMS ADMINISTRATOR

December 2024

- Installed Proxmox Virtual Environment (PVE) on a custom-built server
- Deployed a VPN server using OpenVPN on a Ubuntu Server VM for secure remote access
- Set up a NAS server on another Ubuntu Server VM for centralized storage
- Configured a secondary VPN on a Raspberry Pi to enable Wake-on-LAN for the Proxmox hypervisor (temporarily pausing the VPN VM)
- Deployed a Kali Linux VM to explore penetration testing and security tools included in the distribution

EDUCATION & TRAINING

Bachelor's Degree in Systems and Network Technician

Paris 12

September 2024 – Present

STMG Baccalaureate, Information Systems and Management (SIG)

L'Isle-Adam

July 2018

CERTIFICATIONS

CCNA 2 - 2024

French version : <https://samueldecarnelle.com/projects/cv-sam/cv-french.pdf>

School version : <https://samueldecarnelle.com/projects/cv-sam/cv-ipssi.pdf>

LinkedIn : <https://www.linkedin.com/in/samuel-decarnelle-1357b130b/>