

# Louis Ouellet



You will find a brief summary below. An official resume is available in English and French upon request.

From a very young age, I have been fascinated by computers. I built my first website at age 12 and the first book I bought was about Microsoft Office Access 2000. My knowledge and experience in programming come from a desire to learn the subject and experimenting since I was 12. I chose to study in network administration and security because I didn't have much knowledge of this aspect of computing and found the subject interesting to better my knowledge on the inner working of the internet as a whole.

# Interests

- Programming and Development
- Telecommunications
- Electronic Engineering
- Mechanical Engineering
- International Politics
- History

## Brief Summary

- Born in 1989
- Studied at Saint-Eugène, Collège Héritage, Polyvalente de Beauharnois
- Worked at Bureau en Gros from 2008 to 2017
- Freelance in computing from 2008 to 2020 (Website and Technical Support)
- Studied at CDI College (AEC - Network Administration and Security)
- Obtained my AEC diploma in Network Administration and Security in 2018
- Worked at OVH from 2017 to 2019
- Working as Operation Manager / Network Administrator / Head Developer from 2020 to now

## Current Status

Network Administrator and Developer for the ALB group of companies. I work both to maintain the corporate network, to assist network users, and I develop web applications for businesses. I primarily program in PHP, JavaScript, and Bash.

## Projects

- Participation in the development of a web application for support tickets for Bureau En Gros
- Participation in the development of features for Symantec Norton 360
- Development of a web CRM application for ALB
- Development of a web CMS application for ALB
- Development of a web Quarantine Manager application for ISPConfig
- Development of BASH scripts to convert a Raspberry Pi into a Thin Client
- Development of BASH scripts for FTP transfer automation
- Development of a PHP application to combine PDFs

- Development of a PHP application to combine Excel Spreadsheets
- Development of a web VDISM application for Proxmox
- Development of a web Blacklist application to check domain names on different public blacklists
- Development of a PHP application to scan network ports of an ip/fqdn
- Development of a web ReverseSUM application calculating the reverse sums of a given value
- Migration of a computer park (30-users) to a centralized system (Active Directory)
- Migration of a computer park (40-users) from Windows 7 / Windows Server 2008 R2 to Windows Server 2022 / Windows Server 2022 RDS
- Development of a template for Dokuwiki called Writr
- Development of a PHP framework (available on GitHub)
- Development of a Bootstrap Theme (available on GitHub)
- Development of a Javascript framework to build GUI and Websites (available on GitHub)
- Development of a RDP Client known as PyRDPCConnect.
- Development of INI Configuration Tool.
- Development of a remote desktop monitoring tool.

## Programming Languages

- PHP
- Javascript
- jQuery
- CSS
- HTML
- Python
- Bash
- MySQL

## Operating Systems

- Windows 2000, XP, Vista, 7, 8, 8.1, 10, 11
- Windows Server 2003, 2008, 2008r2, 2012, 2019, 2022
- Linux: Ubuntu, Debian, Raspberry Pi OS, Proxmox, OpenMediaVault
- FreeNAS
- macOS
- IOS / NX-OS (Cisco)

## Softwares

- Microsoft Office 2000, 2003, 2007, 2013
- Microsoft RDS Services
- OnlyOffice
- eM Client, Thunderbird, RoundCube
- Atom (IDE)
- VS Code
- Dovecot, Postfix, pureFTPD, MariaDB, Apache2, Let's Encrypt, ACME, phpmyadmin
- ISPConfig
- mdam, openZFS
- Adobe Acrobat XI Pro
- Adobe Photoshop CS3, CS5, CC
- TeamViewer, TightVNC, RealVNC, Remote Desktop
- OpenVPN
- Draw.io
- Git
- VirtualBox
- QEMU

## GitHub Accounts

- [LaswitchTech](#)
- [LouisOuellet](#)

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