

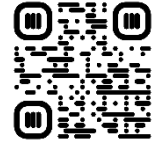
HOANG-LONG, NGUYEN

contact@hlnghuyen.me | 514 240-6787

Laval, QC, Canada

Bilingual: Français and English

[LinkedIn \(hlnghuyen1\)](#)



hlnghuyen.me

Studies:

Certificate in IT	2025
<i>École de technologie supérieure (ÉTS), Montreal, Quebec</i>	
Bachelor's in Electrical Engineering	2024
<i>École de technologie supérieure (ÉTS), Montreal, Quebec</i>	
Diploma in Nature Science Studies	2019
<i>Collège Ahuntsic, Montreal, Quebec</i>	

Knowledge:

C/C++, Python, JavaScript, HTML, CSS, YAML, JSON, Regex, VHDL, Bash, PowerShell, KQL, SQL, Visual Studio Code IDE, Eclipse, STM32Cube IDE, Xcode, Intel Quartus, Git, Gitlab, Github, Jira, VMware ESXi, vSphere, VMware Workstation/Fusion, VirtualBox, QEMU KVM, Docker, Docker Swarm, Kubernetes (K3s), AWS EC2, Azure (Compute, IoT Hub, Log Analytics, SIEM), Digital Ocean, Machine Learning with Neural Network, Altium Designer, Altium 365, Solidworks, Fusion 360, AutoCAD, Mathlab, Simulink, Micro-Cap, ModelSim, Microsoft Office Suite, Google Workspace, Windows, Debian, macOS, iOS, Android, SSH, FTP, Network infrastructure (IPSec, VLAN, DHCP, DNS, VPN, ...), LaTeX, gcc, valgrind, Squarespace CMS, Wix CMS, Cloudflare, REST API.

Experiences:

Cybersecurity Specialist	Since 2022
<i>Schneider Electric Inc., Montreal, Quebec</i>	
- Development, validation, and continuous improvement of current solutions. - Find solutions to client's problems or propose more efficient alternatives methods. - Projects: Managed Security Services, Cybersecurity Application Platform, Secure Remote Access.	
Lab Manager	2021 - 2022
<i>École de technologie supérieure, Montreal, Quebec</i>	
- Assist the teacher in explanations and setup of the lab. - Answer questions from students and help their comprehension. - Class of ELE216 Software development in Electrical Engineering.	
Software Tester (Internship)	2021
<i>Genetec Inc., Montreal, Quebec</i>	
- Test and validate enterprise security management software. - Write test reports, install procedure and documentation. - Project: Security Center 5.10.	

QA Tester

2018 - 2021

StarDust Testing Inc., Montreal, Quebec

- Test apps and websites using different testing methodologies.
- Report bugs in a follow-up system.
- Project: Fizz Mobile, Technicolor, Viper SmartStart.

Projects:

Embedded steering wheel design for Chinook

2024

- Engineering design of an embedded system, within the constraints and schedule of the project.
- Firmware development and PCB design.
- Management and teamwork with colleagues in engineering.

Involvement:

Member of the team Chinook

2021 - 2024

- Code refactoring of the embedded system and design review of the PCB.
- Project: Embedded steering wheel design.

Activities and Interests:

Network and services infrastructure management.

- « Homelab »
- Goal of project: Learn how to manage infrastructure of an enterprise level and implement a services management system.
- Specification and purchasing of hardware depending on the need.
- Deployment of networking hardware on the local network.
- Configuration of network and infrastructure management software.
- Install and deploy services (Docker Swarm).
- System hardening
- Exposing services to the public domain
- Work in progress!

Other projects in details at hlnghuyen.me/projects