# Yoann Chamillard

## Software Developer

Engineer by training (France, CTI-accredited), now working as a software developer with a strong engineering mindset. Always eager to learn and improve, I am now looking for new challenges!

## Infos

Full driving licence A,B

Paris, France

International mobility. Legally authorized to work in Canada (working holiday visa).

+33 670525552
yoann.chamillard@gmail.com

LinkedIn ↗
GitHub ↗

**French** (native)
**English** (C1,Bulats)
**German** (B1)
**Korean** (A1-2)

## Strengths

- Teamwork
- Curiosity/Creativity
- Initiative
- Organization
- Adaptability

## Mechanical Skills

- CAD
  *Catia, Creo, TopSolid*
- CAM
  *TopSolid*
- PDM
  *NewPDM, Windchill, TopSolid*
- FEM / CAE
  *Ansys, Abaqus, Hyperworks*
- 3D Printing

## Hobbies

- Hiking
- Music / Concerts
- Cycling, Motorcycling
- Photography
- Traveling

*Auto-generated in LaTeX*
*Date: 02/02/2026*
*Id: f5015d*

## IT-Skills

- **Back-end / Server**
  - ★★★★★ **C#**
  - ★★★★★ **Python**
  - Flask, Django, FastAPI, SQLAlchemy, PyMongo, PyTest, Numpy, Uvicorn, Pydantic, Requests
  - ★★★★☆ **Node.js**
  - Express.js, Bcrypt
  - ★★★☆☆ **Java**
  - ★★★☆☆ **Nginx,Apache**
  - ★★★★☆ **Rest API**
  - OpenAPI standard

- **Devops, CI/CD**
  - ★★★★★ **Git / GitLab**
  - ★★★★☆ **Docker**
  - ★★★☆☆ **Jenkins**
  - ★★★★☆ **Selenium**
  - ★★★★☆ **Cron**
- **Web Development**
  - ★★★★☆ **HTML,CSS**
  - SCSS/SASS
  - ★★★★☆ **JavaScript**
  - Vue.js, Node.js
- **Authentication**
  - ★★★★☆ **JWT Auth**
  - ★★★★☆ **Firebase**

- **Databases**
  - ★★★★☆ **MySQL**
  - ★★★★☆ **PostgreSQL**
  - ★★★★★ **MongoDB**
  - ★★★★☆ **SQLite**
  - ★★★☆☆ **Firebase**
  - Store/Firestore/Realtime
- **Others**
  - ★★★★☆ **Bash**
  - ★★★★☆ **Jira**
  - ★★★★★ **Regex**
  - ★★★★★ **Office**

## Work Experience

**09/24 - Today.** **Software Engineer**          TopSolid, *Paris, FR*
Post-processors developement in: C# (.Net)
- Develop from scratch CNC machines, 6 axes robots and 2D/3D laser cutting machines post-processors in C# (.Net), G-code (Fanuc), ... + customization layer in proprietary language for our integrators.
- Write documentations and specifications.
- Test and fine-tune in production on customer site.
- Write scripts and automations.
- Install and configure test/machining simulation virtual machines.
- Ensure technical support for customers and improve existing post-processors.

**04/24 - 09/24** **Web & mobile developer**          Training and job hunting, *Paris, FR*
Training and personal projects in : Kotlin, Python, Javascript

**10/22 - 03/24** **Web & mobile developer**          Synapsun, *Lyon, FR*
Full stack web & Android mobile developments: Flutter, Python

**11/19 - 04/22** **R&D Engineer**          Böllhoff, *Chambéry, FR*
Automotive Mechatronic Product design & development

**11/16 - 09/19** **Automotive Design Engineer**          Renault, *Vélizy, FR*
Underbody & Engine Compartment Design & Architecture

## Education - Certifications

**09/22 - 08/23** **Bachelor Degree in Software Design & Development**          EPSI, *Lyon, FR*
Minor: Data/AI; 09/23: Government Skill Certification

**06/22 - 08/22** **Web Developer Formation**          Epitech, *Paris, FR*

**09/13 - 08/16** **Master degree in Mechanical Systems Engineering**          UTT, *Troyes, FR*
Minor: Environmental Design & Industrialization

**09/11 - 06/13** **2-Year Degree in Mechanical Engineering**          IUT, *Troyes, FR*
- French robotic cup: Design, Build and program a robot.