

Yoann Chamillard

Software Developer

Infos

Full driving licence

Legally authorized to work in Canada.

mail

LinkedIn [↗](#)

GitHub [↗](#)



French (native)

English (C1, Bulats)

German (B1)

Korean (A1-2)

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!

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

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

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Work Experience

09/24 - Today. Software Engineer

TopSolid, Paris, FR

Post-processors development 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.