

# Yoann Chamillard

## Software Developer

### Infos

Full driving licence A,B

Paris, France

International mobility.

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

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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, Top-Solid*
- FEM / CAE  
*Ansys, Abaqus, Hyperworks*
- 3D Printing

### Hobbies

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

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### 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/Firebase/Realtime

#### • Others

- ★★★★★ Bash
- ★★★★★ Jira
- ★★★★★ Regex
- ★★★★★ Office

### 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.