

# 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)

### 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 *L<sup>A</sup>T<sub>E</sub>X*  
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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
- Databases
  - ★★★★★ MySQL
  - ★★★★★ PostgreSQL
  - ★★★★★ MongoDB
  - ★★★★★ SQLite
  - ★★★★★ Firebase
  - Store/Firebase/Realtime
- Web Development
  - ★★★★★ HTML, CSS
  - SCSS/SASS
  - ★★★★★ JavaScript
  - Vue.js, Node.js
- Others
  - ★★★★★ Bash
  - ★★★★★ Jira
  - ★★★★★ Regex
  - ★★★★★ Office
- Authentication
  - ★★★★★ JWT Auth
  - ★★★★★ Firebase

### 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.