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

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

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IT-Skills

- **Databases**
  - ★★★★☆ **MySQL**
  - ★★★★☆ **PostgreSQL**
  - ★★★★★ **MongoDB**
  - ★★★★☆ **SQLite**
  - ★★★☆☆ **Firebase**
  - Store/Firestore/Realtime
- **Web Development**
  - ★★★★☆ **HTML,CSS**
  - SCSS/SASS
  - ★★★★☆ **JavaScript**
  - Vue.js, Node.js
- **Others**
  - ★★★★☆ **Bash**
  - ★★★★☆ **Jira**
  - ★★★★★ **Regex**
  - ★★★★★ **Office**

- **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
- **Authentication**
  - ★★★★☆ **JWT Auth**
  - ★★★★☆ **Firebase**

- **Mobile Development**
  - ★★★★★ **Kotlin**
  - Room, Firebase, Gson, Jetpack Compose, Retrofit, MVVM, Coroutine
  - ★★★★☆ **Flutter**
  - ★★★★☆ **Android**
- **Devops, CI/CD**
  - ★★★★★ **Git / GitLab**
  - ★★★★☆ **Docker**
  - ★★★☆☆ **Jenkins**
  - ★★★★☆ **Selenium**
  - ★★★★☆ **Cron**

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.