



BASTIEN SCHWITZ

INTERN: ELCA CLOUD SERVICES

STUDENT: 42 Lausanne

Skills

Throughout my academic and practical experiences, I've honed core skills in software development, problem-solving, algorithms, collaboration, communication, and adaptability. I possess strong expertise in AI, full-stack app development, and DevOps practices. Embracing Scrum methodology, I navigate projects with agility. Additionally, I integrate strategic insights into budgeting, cost efficiency, business strategy, and legal aspects, ensuring holistic project management

Technology :

- **Programming Languages:** Python, C, C++, C#, JS, Bash, PS
- **AI:** LLM, RAG, ML, Quantization, TensorFlow, PyTorch, Transformers, Ollama
- **Web/App:** HTML, CSS, React, .NET (Frontend); Django, FastAPI, Flask (Backend)
- **DB Management:** PostgreSQL, MySQL, MongoDB
- **DevOps and Tools:** Git, GitHub/GitLab, Docker, Kubernetes, VM, VPN Gateways
- **Cloud :** Azure
- **APIs:** RESTful API development, GraphQL

Education

- 2021 - 2024 **Expert in IT Architecture Certificate**
42 School - Lausanne, Switzerland
- 2018 - 2021 **Certificat and Specialized Maturity in Health**
ECGF / Heds FR (Sport-Study Program) - Fribourg, Switzerland
- 2016 - 2018 **Sport-Study Cursus, Economics Option**
Saint-Michel College - Fribourg, Switzerland
- 2013 - 2016 **Certificate of Mandatory Education, Pre-College Level Scientific Option**
CO Belluard (Sport-Study Program) - Fribourg, Switzerland

Experience

02/2024 - 07/2024 **Software Internship - ELCA CLOUD SERVICES - Lausanne**
Built a full-stack chatbot application architecture from scratch to interact with Workplace-as-a-Service end users and manage incident and request flows using AI and integrations.
Technology : Python FastAPI, .NET MAUI, LLM, ML, RAG, Azure, GLPI, PostgreSQL

10/2023 - 11/2023 **Manufacturing Lab - 42 School - Lausanne**
Hackathon finalist for a Swiss luxury watch brand, developing a device for 2000 factory employees to receive and acknowledge alerts via Manufacturing Execution System (MES).
Technology : C++, PlatformIO, RestAPI, MES, ESP32

05.2023 - 06.2023 **RoadRunner Internship - Groupe E - Fribourg**
Fixed-term contract. Responsible for testing electric vehicle charging stations across Switzerland and creating social media content.

2015 - 2023 Health Internships , Security Agent , Food Delivery , Interim

- 24 years old
- Swiss
- +41 79 923 13 89
- bschwitz33@gmail.com
- Bossonnens, FR
- Bastien Schwitz
- bschwitz3

Language

- French
- English
- German

Soft Skills

Self-Taught, Team Spirit,
Organized, Consistent,
Proactive, Disciplined,
Innovative, Open-
mindedness, Curious

Hobbies

- Technology, innovation
- Old school mechanics / electronics
- Sports (elit junior ice hockey player 2014-2020)
- Nature enthusiast, especially the mountains

Volunteering

- **Bosson'Art organization**
Bossonnens - Assistance with event setup / teardown.
- **Fondation Mère Sofia**
Lausanne - Assistance with food service.