



Edouard Brühlhart

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EFFICIENT · PERSEVERING · CURIOUS · DETERMINED · CONSCIENTIOUS

SOFTWARE APPLICATION ENGINEER

Skills

- Design, implement and maintain relational databases (PostgreSQL, MySQL, MariaDB). Open to learn MSSQL.
- Create and maintain containerized applications with Docker
- Manage projects on Google Cloud Platform
- Manage systems (Ubuntu, RHEL), cloud computing resources and databases
- Create and maintain automation scripts with Python and Bash

Experience

University of Fribourg, Earth Metabolome Initiative

JUNIOR RESEARCHER – FIXED-TERM CONTRACT

Fribourg, Switzerland

2025

University of Fribourg, Earth Metabolome Initiative

JUNIOR RESEARCHER – FIXED-TERM CONTRACT

Fribourg, Switzerland

2024

University of Fribourg, MAPP Metabolomics

METABOLOMIC PLATFORM ASSISTANT – FIXED-TERM CONTRACT

Fribourg, Switzerland

2023

University of Fribourg, Earth Metabolome Initiative

MASTER THESIS – MANAGER IN SAMPLES AND COLLECTION

Fribourg, Switzerland

2022 – 2024

Phoenix Security

SECURITY AGENT - PART-TIME CONTRACT

Belfaux, Switzerland

2019 – 2022

Education

University of Fribourg

Fribourg, Switzerland

MASTER OF SCIENCE IN

ENVIRONMENTAL BIOLOGY, OPTION

2024

PLANT AND MICROBIAL SCIENCES

- Won the Syngenta Crop Protection price 2024 for the best average grade of the promotion – 5.47/6

University of Fribourg

Fribourg, Switzerland

BACHELOR OF SCIENCE IN GEOGRAPHY

2022

Side activities

Manexp

Switzerland

FULL-STACK DEVELOPER

2024 - PRESENT

- Developed a Progressive Web Application – PWA to manage farms.
- Link: <https://manexp.ch>

Brasserie de la Scie-au-Crot

Switzerland

HOME BREWER

2020 - PRESENT

Softwares

General	MSOffice ^{***} , LibreOffice ^{***}
Programming	Visual Studio Code ^{***} , IntelliJ Idea ^{***} , Android Studio ^{**}
Biology	Xcalibur [*] , Proteowizard ^{**} , MS Convert ^{**} , Cytoscape ^{**}
Geography	QGIS ^{***} , ArcGIS [*] , Structure From Motion ^{**}

* occasional use ** regular use *** daily use

Programming

Languages	Kotlin, LaTeX, Python, R, Rust, SQL
DevOps	Bash, Docker, Git, GitHub, Google Cloud

Languages

French	native language
English	C1, daily life at work
German	B2, casual at work

Interests

Sport	Football, Mountain bike, Ski practice
Biology	Entomology, Botany