



Edouard Brühlhart

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EFFICIENT · PERSEVERING · CURIOUS · DETERMINED · CONSCIENTIOUS

DATA ENGINEER

Skills

- Collect, clean, prepare, analyze and visualize data from various sources
- Build and maintain softwares and tools, such as web, desktop and android applications
- Follow best practices in software engineering, such as testing, code reviews and documentation
- Collaborate efficiently within multidisciplinary teams using Git, GitHub and Agile methodologies
- Develop, deploy, maintain and improve data processing pipelines
- Design and manage data structures and databases (file-based, SQL, NoSQL)
- Communicate and transmit information efficiently to both technical and non-technical audiences
- Collaborate efficiently within multidisciplinary teams using Git, GitHub and Agile methodologies

Experience

Junior Researcher – fixed-term contract

UNIVERSITY OF FRIBOURG, EARTH METABOLOME INITIATIVE

2025

Junior Researcher – fixed-term contract

UNIVERSITY OF FRIBOURG, EARTH METABOLOME INITIATIVE

2024

Metabolomic Platform Assistant – fixed-term contract

UNIVERSITY OF FRIBOURG, MAPP METABOLOMICS

2023

Master Thesis – Manager in Samples and Collection

UNIVERSITY OF FRIBOURG, EARTH METABOLOME INITIATIVE

2022 – 2024

Security Agent

PHOENIX SECURITY, BELFAUX

2019 – 2022

Education

Master of Science in Environmental Biology, Option Plant and Microbial Sciences

UNIVERSITY OF FRIBOURG

2024

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

Bachelor of Science in Geography

UNIVERSITY OF FRIBOURG

2022

Side activities

Full-Stack Developer

Corserey

MANEXP

2024 - PRESENT

- Development of the Progressive Web Application called Manexp to manage a farm using Kotlin
- Link: <https://manexp.ch>

Home brewer

Corserey

BRASSERIE DE LA SCIE-AU-CROT

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, GitHub Actions, Google Cloud

Languages

French native language

English C1

German B2

Interests

Sport Football, Mountain bike, Ski practice

Biology Entomology, Botany