



Edouard Brülhart

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AUTONOMOUS · PROACTIVE · STRUCTURED · CONSCIENTIOUS · ANALYTICAL

DATA ARCHITECT

Skills

- Collect, clean, prepare, analyze, extract and visualize data and metadata from diverse sources
- Control data availability, reliability and accessibility using different systems such as users, roles, and permissions
- Follow programming best practices, including code versioning, separation of concerns, and testing
- Design, deploy, and improve data processing pipelines integrated into CI/CD workflows
- Collaborate and communicate with other actors and teams to understand data needs and deliver solutions
- Create and maintain clean documentation and technical reports

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

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