



# Edouard Brülhart

Route de la Scie-au-Crot 50, 1747 Corserey

■ 079 290 71 19 | ■ edouard.brulhart@gmail.com | ■ March 26, 1998 | ■ edouardbruelhart | ■ edouardbrulhart

AUTONOMOUS · PROACTIVE · STRUCTURED · CONSCIENTIOUS · ANALYTICAL

## DATA SCIENCE ENGINEER

### Skills

- Collect, clean, prepare, analyze and visualize data and metadata from diverse sources
- Supervise and manage IT infrastructures and cloud environments
- Create and maintain clean documentation and technical reports
- Develop and maintain softwares and web applications for diverse Operating Systems
- Design, deploy, and improve data processing pipelines integrated into CI/CD workflows
- Create, design and optimize relational and non-relational databases
- Collaborate and communicate easily within multidisciplinary teams
- Follow programming best practices, including code versioning, separation of concerns, and testing

### 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