Edouard **Brülhart**

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

📱 079 290 71 19 | ✉ edouard.brulhart@gmail.com | 📅 March 26, 1998 | ⊙ edouardbruelhart | in edouardbrulhart

EFFICIENT · PERSEVERING · CURIOUS · DETERMINED · CONSCIENTIOUS

SOFTWARE DEVELOPMENT ENGINEER

Skills

- Develop, maintain and improve web applications both frontend and backend
- Use generative AI tools to improve productivity and code quality
- Manage systems (Ubuntu, RHEL) and cloud environments (GCP)
- Teach and mentor students and collegues in different technical domains

- Perform rapid prototyping and iterative development of software solutions
- Communicate and transmit information efficiently to both technical and non-technical audiences
- Design and manage data structures and databases (file-based, SQL, NoSQL)
- Troubleshoot and debug complex in production environments

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

Languages

French	native language
English	C1
German	B2

Programming

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

Interests

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