Fabian **Gubler**

FULL-STACK DEVELOPER · DATA ENGINEER

☐ (+41) 79 619 88 48 | ✉ fabian.gubler@protonmail.com | ⌨ fabian-gubler | in fabian-gubler | ⚲ Steckborn, SWITZERLAND

Summary

Data-driven **Full-Stack Developer** with a foundation in both **Business Administration** and **Computer Science**. I am a passionate and experienced problem solver with skills in Python, Java, Linux, and Web Development (HTML, CSS, JS).

I enjoy tackling business-driven challenges and leveraging data and software engineering principles to deliver effective solutions.

Skills

Programming	Python, R, Java, Javascript, Bash
Web Dev	Frontend, Backend, Architectures, Systems
Developer Tools	Git, Command Line, Text Editors, Scripting
Data Science	Data handling, Analytics, Visualization, ML
Languages	German, English, French

Fast learner • Detail-oriented • Time mgmt. • Strong communication

Education

University of St. Gallen   *2022–(now)*

M.S. IN COMPUTER SCIENCE | CURRENT GPA: 5.4   *St. Gallen*

- Pursuing Data Science as focus area
- Completed compulsory courses to achieve foundational understanding in Software Engineering, Data Science, and Cybersecurity

Self Study and Research   *2021–2022*

BACHELOR THESIS, ADMISSION EXAM, COURSE WORK   *St. Gallen*

- Successfully passed the admission exams for CS Master
- Conducted Robotics project for Bachelor's thesis, praised for connecting technical concepts to business outcomes
- Finished rigorous courses in Software Engineering, Machine Learning, and Computer Networks from top instructors on Coursera
- Completed project-based Full-Stack & Cybersecurity courses

University of St. Gallen   *2018–2022*

B.A. IN BUSINESS ADMINISTRATION | GPA: 5.13   *St. Gallen*

- Achieved an added certification in marketing to broaden skillset
- Delivered in consulting projects for Porsche, Hilti and DB
- Proved my teaming skills in diverse group settings

Work Experience

GUBAG AG (Family Business)   *2019–2021*

REAL ESTATE ADMINISTRATOR   *Steckborn*

- Standardized listing process and substantially reduced time needed for new listings
- Inspected appartments and addressed maintenance needs
- Proactively communicated with clients, promptly resolving issues
- Managed tenant relations, daily operations, and admin processes

Interests

Linux Enthusiast: Keen interest in open-source technology and the Linux operating system, with a strong track record of contributing to the Linux community through active engagement on GitHub.

Finance: Interested in Financial Technologies, Personal Finance, and Long-term investing. Actively manage personal investment portfolio and pitched a project in a summer school course that applied natural language processing techniques to analyze financial reports

Music: Passionate about music, with a focus on electronic music production and classical piano performance. I have released original electronic music, managed a record label, and played in a band.

Project Experience

⌨ fabian-gubler/tapas

Distributed software application for task auctions, showcasing software practices and architectural patterns with microservices

Java (Spring Boot), Docker, MongoDB

⌨ fabian-gubler/santander

Kaggle competition submission for machine learning classification problem of predicting future transactions of customers

Python, Scikit-learn, Tensorflow

⌨ fabian-gubler/chatapp

Full-stack chat app with real-time messaging, built using Angular framework and agile project management approach

Javascript (Angular, Node), Figma

minigrep *(Rust)* • **mentally** *(HTML, CSS)* • **templates** *(Nix)*

Intellectual Pursuits

MLOps: Exploring the challenge of incorporating machine learning models in business contexts to create efficient and scalable pipelines for deploying models in production.

Nix-based Environments: Focusing on the use of the Nix programming language to create reproducible development environments enabling efficient code sharing and collaboration.

Machine Learning Models: Investigating novel techniques and approaches to building and improving machine learning models for various use cases and applications.

Databases & Cloud: Exploring databases and cloud technologies to understand how to build scalable and performant systems.