Romeo M. Stoll

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Employment

TopLearning GmbH Private Tutor   2021/08 – 2022/07

Teaching groups of students from different levels, ranging from secondary school to university a variety of subjects, with a focus on math and natural science.

Stüürlade GmbH Freelance Web-Developer   2021/12 – 2022/02

Design, development, and deployment of the website stüürlade.ch using React.js (Typescript), GraphQL, Node.js, and Tailwind.css.

Weingut Stoll Web-Developer (Pro bono)   2019/05 – 2022

Developed and designed the company website weingut-stoll.ch as a React frontend that queries content with GraphQL from headless CMS and eCommerce (Shopify) APIs. The goal was a fast and user-friendly shopping experience with a mobile-first design that is easy to customize and edit by non-technical content editors. The key achievement was a *website traffic increase of 78% in the first six months.*

Thea Schellhammer Freelance Web-Developer   2019/10 – 2021/01

Design and development of website inboxyourstuff.de using jQuery, HTML, CSS(Bootstrap) and PHP.

Sahli Sicherheits AG IT-Intern   2019/02 – 2019/05

Migrated the company's CRM system with product and customer data from an old Oracle database to a new browser-based system. My work included redesigning and developing the company website sahli-sicherheit.ch with PHP, jQuery, HTML & CSS (Bootstrap).

Schweizer Armee Angehöriger der Armee (RS)   2018/06 – 2018/10

Education

ETH Zürich Bachelor of Science ETH in Computer Science   09/2019 – now

My thesis was titled *"Boosting flexibility in coding exercises by building containers in real time"* – grade: 6.

Kantonsschule Schaffhausen Matura Diploma   2014 – 2018

Direction: Natural Sciences, Core subject: Economics, Business & Law. Final unweighted average grade: 5.1. My "Maturaarbeit" was titled *"Werden die Reichen immer reicher?"* – grade: 6.

Projects

The future of computing　　　　　　　　　　　　　　　　2021/09 - 2022/04

In the *Case Studies from Practice Seminar* I worked together with D. Vetter in an *IBM Academy Initiative* led by <u>Christian Eggenberger</u>. We examined the future of Quantum, Neuromorphic, and In-Memory computing. We presented our analysis of the three technologies before *IBM* representatives, at the *ETH CAS in Applied Information Technology* graduation event, and as an internal *IBM* blog post.

flavourized.　　　　　　　　　　　　　　　　　　　　　2016 - 2017

I participated in the *Young Enterprise Switzerland Company Program* and led the *flavourized.*-team of five classmates. Our start-up developed a reusable bottle that encouraged drinking water by adding extra flavor. We raised funds from individual investors and sold directly to customers online and at events using a custom sales booth.

Skills

Languages

Fluent in the English and German languages. Sound understanding of French.

Technical

- Javascript
- Python
- C and Java
- UNIX and Nix
- Docker
- Git
- SQL (SQLite, PostgreSQL)
- HTML and CSS
- Web-frameworks: React, Next, Gatsby, Remix

Areas of experience

- Web applications
- Cloud engineering and automation
- Machine learning
- Web-design
- Embedded systems (RTOS)
- Testing

Interests

Travel, Outdoors, Basketball, Watersports, and Cooking.

Contact

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- **E-Mail**: <u>stollr@ethz.student.ch</u>
- **Date of birth**: 19.07.1999
- **Nationality**: Swiss

Links

 <u>rstol</u>
in <u>LinkedIn</u>

References

Available on request.