

EXPERIENCE

ZHAW InES

Research Assistant / Embedded Software Engineer

Winterthur

2020–2023

- Software Development in C, C++ and Python
- Time-Sensitive Networking
- IEEE 802.1AS and 1588 Time Synchronization
- Communication Network Engineering
- Infrastructure management
- Support for Teaching

SPF Institute for Solar Technology

Civil Service

Rapperswil

2019–2020

- Design and Construction of Electrical Switchgear Cabinets

Hans K. Schibli AG

Electrician

Zürich

2015–2019

- 2015 - 2016 Full-time, 2016 - 2019 Part-time during Semester Breaks

Apprenticeship as Electrician EFZ

Küsnacht

2011–2015

SKILLS

- **Programming:** Python, C/C++, Embedded Software
- **Tools/Techs:** Linux, Docker, Git, Test Automation CI/CD, LaTeX

LANGUAGES

- **German:** Mother tongue, native speaker
- **English:** Fluent

EDUCATION

Rapperswil University of Applied Sciences

Bachelor of Science FHO in Electrical Engineering

Rapperswil

2016–2019

- Embedded Software Engineering
- Digital Signal Processing
- Wireless Communication
- Statistical Machine Learning
- Digital Microelectronics

BMZ Berufsmaturitätsschule Zürich

Federal Vocational Baccalaureate (Technische Berufsmaturität 1)

Zürich

2011–2015

VOLUNTEERING & HOBBIES

- President of Diving Club Fridlidivers Glarnerland 2021–Current
- Diving
Recreational Diving, Technical Diving, Cave Diving and Freediving
- Climbing
- Snowboarding