

Jonas Gschwend

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EDUCATION

Rapperswil University of Applied Sciences

Rapperswil

Bachelor of Science FHO in Electrical Engineering

2016–2019

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

BMZ Berufsmaturitätsschule Zürich

Zürich

Federal Vocational Baccalaureate (Technische Berufsmaturität 1)

2011–2015

EXPERIENCE

ZHAW InES

Winterthur

Research Assistant / Embedded Software Engineer

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

Rapperswil

Civil Service

2019–2020

- Design and Construction of Electrical Switchgear Cabinets

Hans K. Schibli AG

Zürich

Electrician

2015–2019

- 2015-2016 Full-time, 2016-2019 Part-time during Semester Breaks
- Construction Management
- High- and Low voltage Installations
- Installation of Network Infrastructures

Hans K. Schibli AG

Küsnacht

Apprenticeship as Electrician EFZ

2011–2015

- Installations in new buildings and reconstruction Customer service

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

VOLUNTEERING & HOBBIES

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