



## BSc in Mechanical Engineering



Turicum, Switzerland



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gedlex

### EDUCATION

#### School of Engineering

BSc in Mechanical Engineering

Turicum, CH

09/2017 - 08/2020

- Major in Systems Engineering and Automation and in Lightweight design
- Bachelor Thesis: Comparison of Deformation and Lifetime Prediction Models for Steam Turbine Valves
- Project Thesis: Control Design of a Stepper Motor

#### BBW

PROFESSIONAL MATURITY

Turicum, CH

08/2012 - 08/2015

#### Vocational School

LICENSED CARPENTER, FEDERAL DIPLOMA OF VOCATIONAL EDUCATION AND TRAINING

Turicum, CH

08/2012 - 08/2015

### PROFESSIONAL EXPERIENCE

#### Technology Company AG

SYSTEMS ENGINEER

Turicum, CH

06/2021 - today

- Circuit design
- Plant modelling
- Controller design
- Coding with Matlab and Simulink

#### Technology Company AG

INTERNSHIP AS TEST ENGINEER

Turicum, CH

11/2020 - 05/2021

- Testing and QA
- Failure Analysis
- Lifetime prediction
- Software technical implementation

#### Mechanical Manufacturer AG

INTERNSHIP AS MECHANICAL MANUFACTURER

Turicum, CH

07/2019 - 09/2019

- Conventional turning and milling
- Electropolishing and finishing

#### Timber Work GmbH

LICENSED CARPENTER

Turicum, CH

07/2018 - 09/2018

- General timber construction works

#### Timber Work GmbH

LICENSED CARPENTER

Turicum, CH

08/2012 - 08/2017

- General timber construction works
- Tutoring of an apprentice

### HONORS

2021 **1st Place**, Circular Economy Challenge

Turicum, CH



### ABOUT ME

Engineer, software geek, technical enthusiast and carpenter

### SKILLS

C++



Java



VBA



Python



MATLAB



0

+500 h

### LANGUAGES

**English** • Fluent (C1 Certificate)

**German** • Mother tongue

**French** • Conversational

### HOBBIES

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### NON PROFIT

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