

# FABIO MATTI

## COMPUTATIONAL SCIENCE AND ENGINEERING



### CONTACT



#### Address

Route Cantonale 99A  
1025 St-Sulpice



#### Phone

+41 79 321 13 10



#### E-Mail

fabio.matti@epfl.ch

### PERSONAL



#### Date of Birth

30/08/1998



#### Nationality

Swiss

### PLATFORMS



#### GitHub

github.com/FMatti



#### LinkedIn

linkedin.com/in/FMatti

### LANGUAGES



#### German

Native



#### English

Fluent (CEFR: C2)



#### French

Competent (CEFR: C1)

### EDUCATION

Since 09/2021

#### EPFL, Master's studies

Computational Science and Engineering

09/2018 - 07/2021

#### University of Bern, Bachelor of Science

Major: Physics (120 ECTS, GPA: 5.80)

Minor: Mathematics (71 ECTS, GPA: 5.68)

Thesis: ML in photoacoustics (Grade: 6.0)

08/2014 - 06/2017

#### Gymnasium Thun, Matura

Bilingual Matura in German and English

Focus: Physics and applied Mathematics

### WORK EXPERIENCE

07/2022 - 09/2022

#### Omnisens S.A. (Prysmian Group), Morges Machine learning internship

Anomaly detection in fiber optic sensing

Design of efficient data reduction methods

### MILITARY SERVICE

Since 08/2019

#### NBC Staff Officer in the Air Base Command 13

Leadership assistant of battalion commander

In charge of NBC instruction of 700 soldiers

03/2018 - 10/2018

#### Logistics Officer School Bern

Platoon leader of 5 sergeants and 28 recruits

10/2017 - 03/2018

#### NBC Defence Sergeant School Spiez

07/2017 - 10/2017

#### NBC Decontamination Soldier and Driver C1

### QUALIFICATIONS

02/2020

#### Cambridge C2 Proficiency English (Grade: A)

07/2019

#### GRE General Test (V: 157, Q: 167, AW: 5.5)

09/2018

#### SVF Leadership Certificate

### COMPUTATIONAL SKILLS

#### Programming

Proficient: Python, C++,  $\LaTeX$

Advanced: C, R, MATLAB

#### Software

Proficient: Git, Microsoft Office, GIMP

Advanced: Blender, Inkscape, Photoshop

### EXTRACURRICULAR ACTIVITIES

Since 12/2014

#### Skiclub Zweisimmen, Alpine Skiing Instructor

### HOBBIES

Sports (Skiing, Running, Gymnastics)

Graphic Design (Infographics, 3D-Models)

Reading (History, Classics, Anthropology)