

# Michael Linder

Microengineering Student

## Summary

I'm a student of microengineering at EPFL Lausanne working for their spacecraft team. Next to the university I'm teaching at high schools and playing competitive handball. I'm fascinated about space and its technologies

## Skills

Python programming	●●●●○	Electronics	●●●●○
C++ programming	●●●○○	Catia v5	●●●○○
MATLAB	●●○○○	Assembly	●●●○○

## Skills I'm learning

Quantum Physics	Self learning to better understand the concepts behind electronic components and nano structures.
Data science	Following an extracurricular course about data science with python.

## Experience

### On Board Computer Pole Leader

**EPFL Spacecraft Team** Sep 2020 – today

Design of a SoC for a CubeSat's OBC. Communication with other subsystems and externals to ensure compatibility. Assisting in the design of a PCB.

### Substitute Teacher

**Gymnasium Neufeld and Kirchenfeld Bern** >50h since Jan 2020

Teaching mathematics and python programming to high school students in German and English. I explained various concepts and assisted students in doing exercises.

## Education

### Bachelor studies in Microengineering

**EPFL Lausanne** Sep 2019 – today (expected graduation 2022)

Basic Sciences, Programming, Electronics, Material Sciences, Mechanical Construction.

### Matura in Physics and Applied Mathematics

**Gymnasium Neufeld Bern** Aug 2015 – Jul 2019

Basic pre university education with a focus on applied mathematics and physics. Additional courses in programming.

## Contact

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[www.linkedin.com/in/mlx11](http://www.linkedin.com/in/mlx11)

## Languages

German	●●●●●
English	●●●●○
French	●●●○○

## Personal Skills

- Teamwork
- (Self)-teaching
- Organization
- Focus
- Leadership

## Other activities

- Competitive Handball for HS Biel
- Skydiving
- Building a quadcopter