



Michael RICHTER

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SUMMARY

Robotics Student at EPFL, I am looking to develop my professional experiences and learn new skills. Curious and rigorous, I am always willing to dive into new subjects and seek challenges. I'm driven by meaningful work that has positive impact on the world. [More about me](#)

EDUCATION

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL), SWITZERLAND Masters in Robotics, specialisation on mobile robotics Classes outside of study plan <ul style="list-style-type: none">• Applied Data analysis 2022	2021-Present
ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL), SWITZERLAND Bachelor in Microengineering	2018-2021
GYMNASE DE NYON, SWITZERLAND Swiss Maturité Fédérale	2015-2018

EXPERIENCE

RECONFIGURABLE ROBOTICS LAB, EPFL Origami inspired 1DoF haptic stylus, semester project	2022
EPFL FORMULA STUDENT TEAM (FSAE) <ul style="list-style-type: none">• Mechanical integration of electronics, design and manufacturing 21-22• SoC estimator, Regenerative braking and power limiter control and simulation 22-Present	2021-Present
EPFL Teaching assistant in Physics I: Mechanics	2020/2021
NYON AREA, SWITZERLAND Tutoring in Mathematics, Physics, Chemistry, English up to high-school level	2014-Present

SKILLS

LANGUAGES	Fluent: English French Basic: German Swedish
PROGRAMMING LANGUAGES	Experienced: Python MatLab/Simulink C/C++ VHDL Basics: HTML/CSS Assembler LabView
CAD PROGRAMS	CATIA 3DExperience Fusion 360
OTHERS	LaTeX Git Office suite Composite manufacturing CNC machining 3D printing Laser cutting

OTHER INTERESTS

- **Sports** Bouldering, Skiing, Back-country skiing, Tennis, Volleyball
- **Music** Guitar, bass and drums