Titouan **Renard**,
Master student in Robotics with a minor in Data Science

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⦿ Lausanne, Switzerland

I am student at EPFL currently pursuing a Master of Sciences in Robotics with a minor in Data Science. I am interested in control theory, machine learning and their applications to robotic systems. I also have some experience in student associations and am proficient in French and English.

Education

Ongoing **Master in Robotics with a Minor in Data Science**, Lausanne, Switzerland　　　　2020-Present
EPFL, STI and IC faculties

Bachelor in Microengineering, Lausanne, Switzerland　　　　2020
EPFL, STI faculty

Bilingual Maturité, Neuchâtel, Switzerland　　　　2016
French-English bilingual high-school education, Lycée Denis de Rougemont, PYAM (Physics and Applied Math)

Experience

Student-Assistant at EPFL, for the courses "Physique Générale 1" (Newtonian Mechanics),　　2018-Present
"Microinformatique" (basics of embedded systems programming for Microengineering
students) and Material Sciences Practicals

Responsable Politique, member of the direction comity of Unipoly (student's association for　　2020-2021
sustainabily at EPFL), responsible for interactions with stakeholders and EPFL's direction on
matters of sustainabily on campus.
Public relations experience, some experience with media and press releases.

Responsible of Events for the 2020 sustainabily week on EPFL campus, Unipoly,　　2020
Management and coordination of about 30 events on EPFL and UNIL's campuses.

Summer Internship, Birorobotics Lab EPFL, at the Biorobotics Laboratory at EPFL,　　2018
implementation of a simple vision-based localization system using C++ and OpenCV.

European Youth Parliament, Switzerland　　2015-2016
English language public speaking experience.

Skills

Programming, in C, C++, Javascript, Matlab, Python and Scala

Math and Applied Math, Probabilities, Linear Algebra, Calculus, Dynamic System Theory and
Control Theory, Signal Processing, Algorithmic Design and Analysis

Physics and Engineering Sciences, Mechanics, Thermodynamics, Electromagnetism,
Electronics, Basics of Materials Science

Soft Skills, public speaking, writing and team management learned in the context student
associations

Languages

French: Native proficiency

English: Full proficiency

German: High-School level (B2)