The federal council allows foreign students of Swiss academic institution to perform a mandatory internship during their studies:
https://www.admin.ch/opc/fr/classifiedcompilation/20070993/index.html#a39

Students with Non-EU/EFTA passports require a valid work authorization to do their internship or Master project with monthly salary in Switzerland or EU countries.

EU students performing a 3-6 month internship have to be simply announced at the cantonal office.

It is the company’s responsibility to request this authorization at the proper working office of their canton/country. To obtain a mandatory internship certificate.

It requires up to 8 weeks to obtain this authorization from the cantonal offices.

We recommend that students from non-EU/EFTA countries inform the companies in their motivation letter of these regulations.

Example: “As I’m a non-EU/EFTA resident, your company would be required to ask for a temporary work authorization. Please be advised that the federal council allows foreign students of Swiss academic institution to perform a mandatory internship during their studies; https://www.admin.ch/opc/fr/classified-compilation/20070993/index.html#a39. As I will stay registered at EPFL during this internship, and since this internship is a mandatory part of my Master education, the delivery of this document does not fall into the quota limitation of each canton and is therefore straightforward.”