

Job Code	AD_EC03	Job Family Group	Administration
Effective Date	01/03/2026	Job Family	Early Career

## Internship in MV drives R&D (80-100%)

### What we believe in

At ABB, we are dedicated to addressing global challenges. Our core values: care, courage, curiosity, and collaboration - combined with a focus on diversity, inclusion, and equal opportunities - are key drivers in our aim to empower everyone to create sustainable solutions. That's our story. Make it your story.

### Your role and responsibilities

In this role, you will have the opportunity to gain experience in control of electric drives through a temporary work placement (6-8 months).

Get a head-start in your career by joining us as R&D intern. With your analytical and collaborative skills you can contribute to our continued profitable growth journey.

The work model for the role is hybrid.

You will be mainly accountable for:

- Making a review of the state-of-the-art review of classical and machine learning methods for motor parameter identification.
- Developing, implementing and evaluating parameter identification models in MATLAB/Simulink for selected motor type(s).

You will join a talented and dynamic team, where you will be able to thrive.

### Qualifications for the role

- Currently pursuing a master's degree in Electrical Engineering or similar field.
- Good working knowledge of MATLAB and Simulink.
- Interest in the following fields: control theory, power electronics. Familiarity with electrical machines models is beneficial.
- Familiarity with data-driven methods and fundamentals of machine learning or system identification is an advantage.
- Strong interest in research is desirable.
- Proficiency in English.
- You hold a current valid VISA/work permit for Switzerland or a confirmation for a mandatory internship from your university

### More about us

In the R&D team in Turgi, we design and develop high-performance medium voltage power electronic drives for a wide range of power levels, from 5MW to 36MW. These drives are used in various applications, including metals, marine, mining, and oil and gas. Our drive control technology features the breakthrough Model Predictive Pulse Pattern Control (MP3C).

We look forward to receiving your application. The recruiting process is led by Talent Partner Angelina Kothe. If you would like to learn more about ABB, take another look at our website [www.abb.com](http://www.abb.com).

Important: In order to be employed by ABB you will need to fully comply with/fulfill all local ABB employment requirements/processes.

Before applying, please read our Fraud Warning.

ABB Privacy Policy:

<https://new.abb.com/privacy-notice/candidate>