



R&D Internship in traction transformer design tool implementation 80-100% (f/m/d)

Hitachi ABB Power Grids is a pioneering technology leader that is helping to increase access to affordable, reliable, sustainable and modern energy for all. We help to power your home, keep the factories running, and our hospitals and schools open. Come as you are and prepare to get better as you learn from others. Bring your passion, bring your energy, and plug into a team that appreciates a simple truth: Diversity + Collaboration = Great Innovation

Are you ready to join Hitachi ABB Power Grids in Geneva and contribute with your railway know-how to the team's success? Then take on this international challenge in the field of Research and Development. If you want to make a change, we offer you a versatile position in which you can shine by your professional expertise as well as your personal skills – with good chances for further development.

You will be part of the TT Platform development team. TT Platform consists of electrical and mechanical tools used to design traction transformer. You will be part of an agile development team together with key people with specific expertise in the design of traction transformer affecting directly our design performance.

The duration of the internship is 6 to 8 months.

Your responsibilities

Provide support and advice to our internal clients with a good technical level, work on a frequent basis on multi-site with international teams

In a stimulating multi-cultural environment that encourages professional development, you will quickly assume part of the implementation of our traction transformer design tool used globally

Establish interesting and varied interactions within the local traction transformer business unit with mechanical, electrical and sales departments, in order to implement a client dedicated solution

Manage different tasks in the design project to handle interactions with CAD tools, develop in Matlab our electrical design rules, and do VBA programming, in order to improve the design process and the efficiency of the tool

Starting from initial client contact, throughout the technical work itself, to completion of a good documented implementation, you will work in a result oriented manner

Your background

Bachelor studies in Electrical Engineering, Software Development or IT
Interested in software development with Matlab and algorithms
Basic electrical engineering and transformer design skills would be a plus
Programming know-how
VBA, Access, Matlab knowledge
Business level in English, French considered an advantage

More about us

Hitachi ABB Power Grids is a global technology leader with a combined heritage of almost 250 years, employing around 36,000 people in 90 countries. Headquartered in Switzerland, the business serves utility, industry and infrastructure customers across the value chain, and emerging areas like sustainable mobility, smart cities, energy storage and data centres. With a proven track record, global footprint and unparalleled installed base, Hitachi ABB Power Grids balances social, environmental and economic values, and is committed to powering good for a sustainable energy future, with pioneering and digital technologies, as the partner of choice for enabling a stronger, smarter and greener grid.
www.hitachiabb-powergrids.com

Interested in joining our team? If so, we look forward to receiving your full application (motivation letter, CV, references) only via our online careers tool.

Hitachi ABB Power Grids Switzerland
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Talent Acquisition

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