



Internship in Scalable and Secure Software Systems for the Energy Sector (f/m/d)

At Hitachi Energy our purpose is advancing a sustainable energy future for all. We bring power to our homes, schools, hospitals and factories. Join us and work with fantastic people, while learning and developing yourself on projects that have a real impact to our communities and society. Bring your passion, bring your energy, and be part of a global team that appreciates a simple truth: Diversity + Collaboration = Great Innovation

With more than 35'000 employees, Hitachi Energy is the largest global supplier of products, systems, and services for building and operating electric power infrastructure. At Hitachi Energy Research, we apply interdisciplinary knowledge to invent and design the future power system. In close collaboration with our business units, academia, and customers, we aim to address societal challenges such as rising global energy demand, growing integration of renewable energy sources, and climate change. We deliver innovations that ensure the reliable and efficient supply of electrical power. Are you looking for an internship in scalable and secure software systems for the energy sector? At Hitachi Energy Research, we have an open position for building software systems for industrial power systems devices. You will join ongoing research projects together with scientists from Hitachi Energy Research. The internship will cover the design and implementation of software systems, security features, testing, and improving system scalability. You can apply now for this opportunity and become a member of our team of highly skilled researchers and engineers. The internship duration is six months, with the possibility of further extensions.

Hitachi Energy Research offers a challenging role within a highly motivated team with open communication structures. You will gain the confidence to work independently, be a constructive member of an inclusive team within your focus area, and further develop your engineering skills.

Are you interested in joining our team? If so, please send your application, including your CV and transcripts.

Our flexible work practices help you optimize personal and business performance while creating an environment where all employees can develop their skills and grow.

Your responsibilities

Design and implement scalable and secure industrial software systems as part of our research team
Develop a framework for testing the scalability/security of the next-generation ind

improvement opportunities

Evaluate protocols, open-source software, and their applicability to the energy sector

Report on your work, including presentations and interpretation of results

Your background

Enrolled in an MSc degree in Computer Science, Electrical Engineering, or a related field

Familiarity with the C or C# programming languages

Experience with scalable software systems and security is a plus

Self-driven and curious, good organizational skills, work well in a team

Flexibility and ability to prioritize and make use of the time as efficiently as possible

More about us

Hitachi Energy is a global technology leader that is advancing a sustainable energy future for all. We serve customers in the utility, industry and infrastructure sectors with innovative solutions and services across the value chain. Together with customers and partners, we pioneer technologies and enable the digital transformation required to accelerate the energy transition towards a carbon-neutral future. We are advancing the world's energy system to become more sustainable, flexible and secure whilst balancing social, environmental and economic value. Hitachi Energy has a proven track record and unparalleled installed base in more than 140 countries. Headquartered in Switzerland, we employ around 38,000 people in 90 countries and generate business volumes of approximately \$10 billion USD. www.hitachienergy.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 Energy Switzerland Ltd.

Sonia Granizo

Talent Acquisition

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