



Schneider Electric™ creates connected technologies that reshape industries, transform cities, and enrich lives. Our 150,000 employees thrive in more than 100 countries. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Help us deliver solutions that ensure Life Is On everywhere, for everyone and at every moment:

https://www.youtube.com/watch?v=VbldHPFltQQ&list=PLa7UGrWOTyjmJh_co9aY3PCf71uwP0S3a

Schneider Electric™ has been ranked the world's most sustainable company in the 2021 by Corporate Knights Global 100 index.

Great people make Schneider Electric a great company.

The **Digital Buildings Business** of Schneider Electric provides Intelligent building management solutions to help customers create a productive and comfortable environment for its occupants, reduce energy consumption and run building operations efficiently.

Master Thesis project in AI & Data-driven Operations

AI and machine learning are rapidly becoming crucial tools in handling complex systems and managing large sets of data. During the System Integration tests huge amounts of data are gathered from our control systems. The challenge for us is to review all that data and sort out and identify the critical parts for further analysis.

We believe that there are some very sound use cases where we could apply AI/Machine Learning.

Initially we will focus on anomalies in utilization of system resources like memory and CPU and will correlate this data with extensive time stamped event logging that are also available. We will setup a data processing pipeline to train and classify test data.

This Master Thesis project is done in collaboration with Ericsson Research. Schneider Electric will provide data sets and use cases, Ericsson will provide compute and cloud resources, and Lund University will supervise on AI techniques.

Who are we looking for?

At **Schneider Electric™** we seek out and reward people for being straightforward, open, passionate, effective and challenging the status quo. We want our employees/students to reflect the diversity of the communities in which we operate. We welcome people as they are, creating an inclusive culture where all forms of diversity are a real value for the company. We are looking for people with a passion for success — on the job and beyond. Above all, we value engagement, enthusiasm, and a willingness to learn about new topics and areas within the realm of Building Management Systems.

Contact persons.

If you have questions regarding this position, please call Jörgen Malmberg, at +46 (0)708 890896