



## **Are you our next Electrical Vehicle (EV) Thermal Management expert!**

Our BTS Engineering Lab in Stockholm is a highly creative, multidisciplinary, and international think tank, dedicated to envisioning strategic product designs and turning them into innovative, working solutions.

**We are now looking for a EV Thermal Management expert to our Engineering lab.**

We expect that you will be:

- Responsible for the EV thermal management technology development, especially our CO<sub>2</sub> heat pump direction, including discussions of the requirements and definition of research plans.
- Responsible for design of key components of EV CO<sub>2</sub> heat pump system, especially HEX (evaporator, condenser, chiller, gas cooler etc).
- Responsible for the EV thermal technology insights, including technology monitoring, technology analysis and delivery of technology reports

Above in order to ensure a global leading technology competitiveness of our projects.

The work will be done in very close cooperation with our teams in Kista as well with our offices abroad.

### **Professional knowledge**

1. We require a person with a Master degree or above with a work experience of at least 5 years after Graduation.
2. Have solid background on thermal theory, familiar with heat transfer, fluid mechanics, engineering thermodynamics, refrigerant and cryogenics.
3. Have wide experience of research of EV thermal management, good familiarity with a EV heat pump system and the common heat exchangers.
4. Have deep knowledge and interest of the EV area
5. Expertise of conceptual design of equipment and comparison of various thermal solutions in both the cost and the functionality perspective.

The candidate can of course communicate fluently in English, both verbally and in writing

### **Business skills**

1. Have some overall background knowledge of EV thermal management and/or heat pump technology.
2. Have solid knowledge of the related technology area with universities or research organizations.
3. Good communication skills are required.
4. Can work independently as well as in a team.

Part-time applicants are acceptable.



**Kontakta för mer information:**

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