Are you passionate about creating value from big data?

Senior researcher with focus in machine learning needed to our team in Västerås.

RISE SICS Västerås is looking for a full time senior researcher, possibly a “postdoc”. The position is initially funded from the FUDIPO project which is a new Horizon 2020 research and innovation action under the Industry 2020 in the Circular Economy sub-call. The research area includes monitoring and control of data-intensive processes by leveraging and combining Big Data analytics tools that can be utilized by process industries and power plants in order to enhance the production efficiency and thus saving resources, energy, and the environment. At SICS, we will address the challenges by making use of novel machine learning methods that learn from previous situations. Projects will be performed in close cooperation with Swedish industry and international research partners.

In this role you will:

- Drive and participate in machine learning/AI research projects that lead the way for future industry;
- Be part of a team that conducts applied research together with creative colleagues and in collaboration with both industry and public sector;
- Inspire to new ways to make business from industrial data;
- Conduct research in different phases of the project using relevant methods, including the phase of application writing;
- Develop methods and bring them into different application areas, in particular within the automation industries;
- Advocate research findings to diverse audiences through best suitable communication means: inspirational talks, demos, videos, presentations, articles.

Minimum qualifications:

- Hold a PhD related to computer science and/or applied mathematics, or have the equivalent experience from industry;
- Have experience with artificial intelligence, data mining or machine learning.

Preferred qualifications

- You are curious, goal-oriented flexible, ambitious and communicative;
- Have a background and/or interest in operations research, optimization, statistics, algorithms;
- Are skilled in presenting and documenting your work in English and preferably also in Swedish, i.e. to describe the problem, the solution and the approach in an understandable manner;
- Have documented programming skills;
- Are fluent in Swedish and English.

Apply by sending your full CV, a one-page cover letter, complete transcript of records, and any letters of recommendation to marie.edlund@sics.se. We will have on-going interviews. For queries regarding the recruitment process, please contact: Marie Edlund, HR, +46 70 475 60 53, marie.edlund@sics.se

Incomplete applications will not be considered.
For questions regarding the position, please contact:
Tomas Olsson, senior researcher, +46 707 831547
Markus Bohlin, adjunct professor, +46 707 876608

Place of employment: Västerås
Full time 100% employment for 2 years with opportunity to extension.
Employment available immediately.

RISE SICS Västerås is a research institute with the aim to strengthen the innovation system in the Mälardalen region by offering applied research to both private and public organizations. Our projects typically involve a team of researchers and focus on delivering tangible results that create immediate and long-term value, based on the latest research results. We are constantly growing and are looking for researchers who enjoy the challenge of working in close collaboration with industry. SICS Västerås has a flexible organization that develops and applies methods and solutions in close collaboration with industrial, public and academic partners. Our core values are to be openminded, value-driven, research-oriented, and to have fun! Read more about us at www.sics.se

The RISE institutes SP, Swedish ICT and Innventia are merging in order to create a unified institute sector and become a stronger innovation partner for businesses and society.