Unique Senior Researcher Position at Örebro University

Senior AI/ML Expert

The [University of Örebro](#) seeks to appoint a full-time senior researcher with established expertise in AI and Machine Learning.

Job description

This is a unique academic position. The appointed candidate should hold a PhD or be near to completion. She or he will work closely together with different research groups at Örebro University who represent specific research problems and need AI/ML expertise in their projects[1]. However, the candidate is *not* expected to acquire external funding and will *not* have to teach. Instead, she will act as AI/ML expert and interface to the technical infrastructure. The position thus leaves room to keep in touch with current AI/ML developments and admits improvement of specialist skills. While the candidate will be of course included in all publications that result from the collaboration with other researchers at Örebro University, it is optional to pro-actively drive research or to develop an own research portfolio beyond her core expertise.

Research environment

The position is jointly offered by three research environments at Örebro University: [AASS](#), [MTM/EnForce](#), and [MV](#). AASS is one of the nationally leading research groups in robotics, AI and applied Machine Learning. MTM/EnForce also has a nationally strong position in environmental chemistry and toxicology. The School of Medical Sciences (MV) hosts several strong research environments (NGBI, iRiSC, CVRC) which, together with the associated Functional Bioinformatics group, conduct research in applying and further developing machine learning approaches for pattern discovery in bio-medicine (biosignatures for diagnosis, prediction and prognosis) as well as for systems for biological applications (network biology and network medicine).

Prerequisites

We are looking for candidates who hold a PhD (or are near to completion) who are excited about applying AI/Machine Learning techniques and keen to have a strong, positive impact on the society. We envisage successful candidates have a strong background in AI/Machine Learning, demonstrated by their previous research work.

Assessment Criteria

The assessment of the candidates is based on previous research and publication records and the suitability to position outlined above, as well as demonstrated programming and deployment skills. It is not necessary to be familiar with the Swedish language, but good communication skills in English, both written and spoken, are a requirement. We also welcome personal skills, especially the ability to cooperate in an interdisciplinary context.

Equality

Our ambition is to create a place of work that is characterised by gender equality and diversity. All genders are most welcome to apply.

Further Information

The salary depends on the successful candidate's qualifications and experience. Positions announced at Örebro University are, where appropriate, subject to a trial period.

For more information about the scientific aspects of this position, please contact Prof. Achim J. Lilienthal by email at achim.lilienthal@oru.se, Prof. Dirk Repsilber at dirk.repsilber@oru.se or Prof. Magnus Engwall at magnus.engwall@oru.se.

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[1] These specific research projects address a variety of highly relevant real-world applications with the potential of a strongly positive impact on the society. We want to particularly exploit the potential AI/ML to support research related to the interpretation and analysis of biological, medical or toxicological data. This may include for example AI-assisted image analysis of cellular phenotypes as a screening method for toxicant discovery, analysis of functional MRI data and microplastics.

Application Process and Deadline

Complete applications must include the following electronic documents:

- Cover letter
- CV, including names of two academic references who may be contacted (if needed) and a full list of publications
- An account of research qualifications
- Copies of relevant degree certificates
- Scientific publications for consideration (maximum of 5)

Applications can be sent immediately and will be considered until the positions are fixed. We will start to evaluate candidates on **2018-12-16**.

To apply for this position, please send all documents in electronic form to Prof. Achim J. Lilienthal (achim.lilienthal@oru.se), Prof. Dirk Repsilber (dirk.repsilber@oru.se) or Prof. Magnus Engwall (magnus.engwall@oru.se).

We look forward to receiving *your* application!