

Assistant Professor

Ecole/Institution/Société:

JÖNKÖPING UNIVERSITY, Sweden / Jönköping

Discipline:

Computational Sciences

Type d'emploi::

Full-time

Date de publication:

2021-10-15

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

JOB DESCRIPTION

The School of Engineering is one of four schools within Jönköping University. We offer attractive technical education at undergraduate and graduate levels and conduct advanced research in several technological areas.

The School of Engineering is able to award doctorates in the area of industrial product realization. We collaborate with the surrounding society to develop new technology and spread knowledge to strengthen the competitiveness of companies. Working with us, you are close to colleagues in an international environment with great opportunities to influence and develop.

The Department of Computer Science and Informatics (CSI) provides academic programs in subjects ranging from Software Engineering and Embedded systems to New Media Design and IT Infrastructure. Our programmes are developed in close collaboration with surrounding industry and have a yearly intake of about 260 students.

At CSI we are currently in the process of establishing an SE lab / environment with focus on research and teaching in the SE-domain. The lab aims to integrate the technical side (engineering, development) with the softer side (user experience, design) through close collaboration with our newly established HCI Lab. To facilitate the HCI research, that lab is equipped with equipment that can help gain deeper user insights (eg, eye-tracking, EEG) and to create innovative solutions (eg, VR and AR).

Read more about our department: [The Department of Computer Science and Informatics](#)

JOB DESCRIPTION

As an assistant professor, you will perform teaching and research with a focus on Software Engineering (SE) in a broad sense. Depending on the applicant's background, the teaching may be centred around computer science (eg, Web development, App development, CI / CD, Operating systems etc.) or informatics (eg, content design, user experience design and human-computer interaction).

You will get allocated hours to build and maintain an academic and industrial network, actively apply for research funding, play a key role in research projects, and co-supervise PhD students.

We put a lot of focus on competence development, and you will get the opportunity to keep yourself

updated with the industrial and societal development of relevance for our department and the School of Engineering. You will also be directly involved in the creation of an SE-lab environment and establish collaboration with other departments / schools at Jönköping University.

QUALIFICATIONS

You have a PhD in a, for the position, relevant area, and pedagogical merits according to the Appointments Procedure at Jönköping University. You should also have documented skills in teaching in English. Ability to teach in Swedish, as well as industrial experience, is meritorious. Experience from research in cooperation with industry is considered an advantage.

The domain-specific requirements include knowledge and real-world implementation skills in at least one of the following areas:

- Software Engineering, which may include:
 - Software Methods
 - Software Testing (TDD, Unit Testing, Integration Testing, System Testing)
 - Software Architecture
- Programming, which may include:
 - Development for Web (Client-Side, Server-Side)
 - Native mobile app development (iOS, Android)
 - Software development (Stand-alone, Embedded)
- DevOps, which may include:
 - CI / CD
 - Containers (Docker, Kubernetes)
- Quality Assurance

the ability to teach in other areas relevant to our department (Electronics, Embedded systems, IT-infrastructure, Information Security, UXD, HCI etc.).

participated in research within Human-computer Interaction.

a track-record in attracting research funding from financiers relevant to a Swedish context.

You should be development and quality oriented, responsible, and pedagogically skilled. You must be able to adapt your teaching to students with various cultural and thematic background. You should also be a strong team player and still be able to work autonomously and independently. It is also advantageous if you perform well in an interdisciplinary environment.

For complete eligibility requirements for a position as an Assistant Professor at Jönköping University, see the applicable parts of Regulations for the employment of teachers at Jönköping University.

WHAT WE OFFER

A permanent position in a dynamic working environment at a collaborative, internationally connected and globally oriented university.

A leading role in research projects and a career development plan.

Teaching in programs with close connection to industry where all students also gain experience and motivation from internship.

A workplace in the city center of Jönköping, near airport, public transport, and nature.

Help to relocate and settle in Jönköping.

INFORMATION

Collective agreements and individual salary setting are applicable.

We strive for a faculty as diversified as our students, we encourage and welcome all applicants and especially encourages female candidates to consider this position that may include leading roles.

We kindly but firmly decline all contact with staffing and recruitment agencies and job ad salespersons.

APPLICATION

Appendices are preferred in PDF-format and should include:

- a cover letter and a CV
- a publication list
- a pedagogical portfolio
- an attested copy of your PhD degree certificate
- a research and education statement (future research plan and education interest)
- any other document needed to prove the qualifications according to the Regulations for the employment of teachers at Jönköping University.

Type of employment: Permanent position

Contract type: Full time

Salary: Monthly salary

Number of positions: 1

Working hours: 100%

City: Jönköping

County: Jönköpings län

Country: Sweden

Reference number: 2021 / 3933-211

Contact:

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Union representative:

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