PhD Student Position in Software Engineering

The position is placed at the Department of Software Engineering in Karlskrona

Reference number: BTH 3.1.2-0250-2017

Work description:
The position comprises empirical research in the software quality area, focusing on the interaction between "human aspects" and features of the software and the test code. Other areas of expertise in software engineering may be of interest if the applicant has excellent qualifications.

Our tradition of close cooperation with industry means that we particularly value an interest in and experience from evaluation and improvement work in or in collaboration with industry.

Rules and benefits for PhD students in Sweden apply to this position. The doctoral student will have an individual study plan in software engineering. The position includes other services, up to 20 %, e.g., teaching at basic and advanced level.

Eligibility:
To be employed as a PhD student, admission to postgraduate studies is required. Admission to postgraduate studies requires a degree at advanced level or otherwise acquired knowledge to be able to absorb education at the postgraduate level.

Meriting qualifications:
- Master or Master of Science degree in Software Engineering, Computer Science, or equivalent.
- Professional experience in software development.
- Proficiency in written and oral communication in English.
- Ability to work independently as well as in teams.

Employment level:
100 %.

Commencement:
To be agreed.

Duration:
Temporary, for up to 4 years of research time. The position may contain up to 20 % other service (e.g., teaching), in which case the duration can be extended to a maximum of 5 years.

Application instructions:
Please submit your application, marked with the reference number BTH 3.1.2-0250-2017 for the position, by **August 15, 2017** at the latest. Applications should be sent to:
diarium@bth.se

The application shall include the following:
1. A cover sheet that clearly points out in which area(s) you are applying.
2. A letter of interest, including a statement of your background and your knowledge and experience in the area(s) you are applying for.
3. A CV.
4. Certified copies of grades and diplomas.
5. Contact information for 2 references.
6. The earliest date you can start to work.
7. An appendix with current publications (if applicable).
8. A link to your thesis (latest/highest degree).

For more information, please refer to www.bth.se/eng/about-bth/vacancies-at-bth (below the list of vacancies) or our HR department, +46-455-38 50 68.

BTH is an equal opportunity employer, thus all applicants are most welcome to apply.

Blekinge Institute of Technology, BTH

Blekinge Institute of Technology, BTH, is one of the most distinctly profiled universities in Sweden, where applied IT and innovation for sustainable growth are in focus. In our education and research, engineering and IT are integrated with other disciplines such as urban planning, industrial economics, design and health sciences to contribute to solving the challenges facing society. Everything we do at BTH has three distinct perspectives: innovation, sustainability and in real life, which means cooperation and exchange with both business and industry as well as society. A characteristic of BTH is the close cooperation with industry and society, which permeates both education and research at the regional, national and international level. We conduct education and research at a high international level. BTH has two faculties – the Faculty of Computing and the Faculty of Engineering.

Department of Software Engineering

The position is located at the Department of Software Engineering (DIPT), which belongs to the Faculty of Computing and currently consists of 47 from 19 countries out of which 23 are senior researchers and 17 are PhD students.

Our tradition in software engineering originates from 1990 when we launched Sweden's first education program in software engineering. The department's research and education environment, SERL Sweden – Software Engineering Research and Education Lab Sweden, has steadily expanded in the last years. The department is responsible for study programs in software engineering on Master- and Bachelor level. We are also involved in two of BTH's Master of Science of Engineering programs.

Research and education at the Department of Software Engineering are fully aligned with BTH's overarching profile (applied IT and innovation for sustainable growth), and are conducted in close collaboration with partners from both the private and the public sector.

Our strength is the focus on empirical research to strengthen industry's competitiveness in the development of software-intensive systems, services and products in close collaboration with companies such as ABB, Ericsson, Saab, Sony, Telenor and Volvo. The department's research is internationally top-ranked by the Journal of Systems and Software, based on its strong publication record in prestigious journals.

We welcome your application