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Omfang: Heltid
Varighet: Åremål

Faculty of Science and Technology

PhD Fellow in Computer Science - Cyber Security

The position

A PhD position in Cyber Security is available at the Department of Computer Science and the Cyber Security Research Group (CSG), at UiT The Arctic University of Norway.

The position is for a period of four years. The nominal length of the PhD programme is three years. The fourth year is distributed as 25 % each year and will consist of teaching and other duties. The PhD student is expected to write research papers publishable in reputable international venues, present results at international conferences, write progress reports on the ongoing thesis project, and work constructively towards collectively defined research goals.

The objective of the position is to complete research training to the level of a doctoral degree. Admission to the PhD programme is a prerequisite for employment, and the programme period starts on commencement of the position.

The workplace is at UiT in Tromsø. You must be able to start in the position on the 1st of August, 2023.

The position's field of research

The PhD student will work in the research area of computer security and data privacy. Specifically, the PhD student will contribute to the development of a service that reasons about the lifecycle of personal data (e.g., measurements of personal IoT devices): what happens when data leave the IoT sensors; where they are being stored, how they are being used during their lifetime, what digital products have been computed based on these data.

Such a service will transverse different systems at different locations, and it will ultimately improve the compliance of privacy regulations on data. It will improve the transparency and explainability of systems.

Contact

For further information about the position, contact Associate Professor Elisavet Kozyri:

- phone: +47 77646335
- email: elisavet.kozyri@uit.no

For administrative questions, please contact the Department's administration:

- phone: +47 77644036
- email: svein.tore.jensen@uit.no

Qualifications

This position requires a Master's degree or equivalent in Computer Science, Computer Engineering or Mathematics. A successful candidate can demonstrate:

- Strong programming skills
- Experience in one or more of the following fields: privacy-enhancing technologies, computer security, programming languages, computer networks, operating systems, distributed systems
- Ability to be self-motivated, take initiatives, and work in a team
- Fluency in written and verbal communication in English. Working knowledge of Norwegian or a Scandinavian language is desirable.

Candidates in the final phase of their Master study may apply. A preliminary version of the dissertation can be included if the final version is not ready before the application deadline. Information about the delivery deadline for the dissertation must be given. A completed degree must be documented before an acceptable date for commencement.

During the assessment, emphasis will be put on your potential for research in the described field, motivation and personal suitability for the position.

As many as possible should have the opportunity to undertake organized research training. If you already hold a PhD or have equivalent competence, we will not appoint you to this position.

Admission to the PhD programme

For employment in the PhD position, you must be qualified for admission to the PhD programme at the [Faculty of Science and Technology](#) and participate in organized doctoral studies within the employment period.

Admission normally requires:

- A bachelor's degree of 180 ECTS and a master's degree of 120 ECTS, or an integrated master's degree of 300 ECTS.
- A master's thesis with a scope corresponding to at least 30 ECTS for a master's degree of 120 ECTS.
- A master's thesis with a scope corresponding to at least 20 ECTS for an integrated master's degree of 300 ECTS.

In order to gain admission to the programme, the applicant must have a grade point average of C or better for the master's degree and for relevant subjects of the bachelor's degree. A more detailed description of admission requirements can be found [here](#).

Applicants with a foreign education will be subjected to an evaluation of whether the educational background is equal to Norwegian higher education, following national guidelines from [NOKUT](#).

If you are employed in the position, you will be provisionally admitted to the PhD programme. Application for final admission must be submitted no later than two months after taking up the position.

Inclusion and diversity

UiT The Arctic University of Norway is working actively to promote equality, gender balance and diversity among employees and students, and to create an inclusive and safe working environment. We believe that inclusion and diversity are a strength and we want employees with different competencies, professional experience, life experience and perspectives.

If you have a disability, a gap in your CV or immigrant background, we encourage you to tick the box for this in your application. If there are qualified applicants, we invite at least one in each group for an interview. If you get the job, we will adapt the working conditions if you need it. Apart from selecting the right candidates, we will only use the information for anonymous statistics.

We offer

- An exciting international academic environment with dedicated colleagues
- Flexible working hours and a state collective pay agreement
- Pension scheme through the state pension fund
- The possibility to balance professional development with a location to experience the liberating arctic nature: ski under the northern lights, hike and bike along the fjords
- Norwegian health policy aims to ensure that everyone has access to good health services of equal standard. As an employee you will become member of the [National Insurance Scheme](#) which also include [health care services](#).
- More practical information for working and living in Norway can be found here: <https://uit.no/staffmobility>

Application

Your application must include:

- Cover letter explaining your motivation and research interests
- CV
- Diploma for bachelor's and master's degree
- Transcript of grades/academic record for bachelor's and master's degree
- Explanation of the grading system for foreign education (Diploma Supplement if available)
- Documentation of English proficiency. [This website](#) states how English proficiency shall be documented.
- Two reference letters
- Contact information for three references
- Master's thesis, and any other academic works

Candidates in the final phase of their Master study may apply. A preliminary version of the dissertation can be included if the final version is not ready before the application deadline. Information about the delivery deadline for the dissertation must be given. A completed degree must be documented before an acceptable date for commencement.

All documentation to be considered must be in a Scandinavian language or English. Diplomas and transcripts must also be submitted in the original language, if not in English or Scandinavian. We only accept applications and documentation sent via Jobbnorge within the application deadline.

General information

The appointment is made in accordance with State regulations and guidelines at UiT. At our website, you will find more [information for applicants](#).

A shorter period of appointment may be decided when the PhD Fellow has already completed parts of their research training programme or when the appointment is based on a previous qualifying position PhD Fellow, research assistant, or the like in such a way that the total time used for research training amounts to three years.

Remuneration for the position of PhD Fellow is in accordance with the State salary scale code 1017. A compulsory contribution of 2 % to the Norwegian Public Service Pension Fund will be deducted.

We process personal data given in an application or CV in accordance with the Personal Data Act (Offentleglova). According to the Personal Data Act information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure. You will receive advance notification in the event of such publication, if you have requested non-disclosure.

UiT - Developing the High North

UiT is a multi-campus research university in Norway and the northernmost university of the world. Our central location in the High North, our broad and diverse research and study portfolio, and our interdisciplinary qualities make us uniquely suited to meet the challenges of the future. At UiT you can explore global issues from a close-up perspective.

Credibility, academic freedom, closeness, creativity and commitment shall be hallmarks of the relationship between our employees, between our employees and our students and between UiT and our partners.

Tilleggsinformasjon

Arbeidssted:

UiT in Tromsø 9019 Tromsø (Tromsø - Romsa Kommune)