NTNU
Kunnskap for en bedre verden

Jobbnorge ID: 254715
Deadline: 2/5/2024
Website: http://www.ntnu.no
Scope: Fulltime
Duration: Temporary

The Department of Computer Science has a vacancy for a

PhD Candidate in Information Systems

This is NTNU
NTNU is a broad-based university with a technical-scientific profile and a focus in professional education. The university is located in three cities with headquarters in Trondheim.

At NTNU, 9,000 employees and 43,000 students work to create knowledge for a better world.

You will find more information about working at NTNU and the application process here.

Video: https://youtu.be/Xt-yHCN5QS0

About the job
We are inviting applicants for one PhD position within Information Systems research at the Department of Computer Science (IDI).

We are seeking talented and self-motivating master graduates with commitment to in-depth empirical studies on the topic of digital transformation in practice. The position will be affiliated with IDI's research group on Applied Information Technology (AIT).

The fellowship will be part of our research on digital transformation from a sociotechnical perspective, which highlights the interaction between technological development and organizational processes and concerns. The aim of the fellowship is to contribute original knowledge and valuable insights into this dynamic relationship going beyond mere technological promises and managerial visions when it comes to digital transformation. More specific, the fellowship will focus on digital workplace transformation and seek to examine the interplay between work practices and digital transformation, and how this can be facilitated and managed. Central topics of investigation will include digital transformation, digital workplace and work, new ways of working, digital culture, digital leaders, and other related topics.

The PhD candidate is expected to conduct in-depth empirical investigations into development, implementation, and/or use of digital technologies in specific organizations. The fellowship's primary research strategy will involve qualitative empirical methods, such as interviews, focus groups and observations.

For a position as a PhD Candidate, the goal is a completed doctoral education up to an obtained doctoral degree.

Your immediate leader is the group leader of AIT.

Duties of the position
- Plan and conduct empirical research in industrial organizations under supervision.
- Take lead in writing research papers under supervision.
- Comply with the PhD training program of the Faculty.
- Be part of and contribute to the local research group.

Required selection criteria
- You must have relevant background in information systems, or in management, organization theory, sociology, or science and technology studies with particular emphasis on digitalization.
- You must meet the requirements for admission to the faculty's doctoral program, and for admission to the PhD programme in Computer Science.
- Your education must correspond to a five-year Norwegian degree program, where 120 credits are obtained at master's level.
- You must have a strong academic background from your previous studies and an average grade from the master's degree program, or equivalent education, which is equal to B or better compared with NTNU's grading scale. If you do not have letter grades from previous studies, you must have an equally good academic basis. If you have a weaker grade background, you may be assessed if you can document that you are particularly suitable for a PhD education.
- Master's students can apply, but the master's degree must be obtained and documented by the start date of the position.

The appointment is to be made in accordance with [Regulations on terms of employment for positions such as postdoctoral fellow, Phd candidate, research assistant and specialist candidate](#) and [Regulations concerning the degrees of Philosophiae Doctor (PhD) and Philosodophiae Doctor (PhD) in artistic research national guidelines for appointment as PhD, post doctor and research assistant](#)

Preferred selection criteria

- Working knowledge of sociotechnical perspective.
- Experience with qualitative research.
- Excellent English written and oral skills.
- Knowledge of a Scandinavian language is highly desired, but not required

Personal characteristics

- Ability to work independently as well as collaboratively
- Ability to acquire and use knowledge in new topics
- Well developed analytical skills

Emphasis will be placed on personal and interpersonal qualities.

We offer

- exciting and stimulating tasks in a strong international academic environment
- an open and [inclusive work environment](#) with dedicated colleagues
- favourable terms in the [Norwegian Public Service Pension Fund](#)
- [employee benefits](#)

Salary and conditions

As a PhD candidate (code 1017) you are normally paid from gross NOK 532 200 per annum before tax, depending on qualifications and seniority. From the salary, 2% is deducted as a contribution to the Norwegian Public Service Pension Fund.

The period of employment is 3 years without teaching duties or 4 years with teaching duties (25 % teaching duties [pliktarbeid](#)).

Appointment to a PhD position requires that you are admitted to the [PhD programme in Computer Science](#) within three months of employment, and that you participate in an organized PhD programme during the employment period.

The engagement is to be made in accordance with the regulations in force concerning [State Employees and Civil Servants](#), and the acts relating to Control of the Export of Strategic Goods, Services and Technology. Candidates who by assessment of the application and attachment are seen to conflict with the criteria in the latter law will be prohibited from recruitment to NTNU.

After the appointment you must assume that there may be changes in the area of work.

It is a prerequisite you can be present at and accessible to the institution daily.

About the application

The application and supporting documentation to be used as the basis for the assessment must be in English.

Publications and other scientific work must follow the application. Please note that your application will be considered based solely on information submitted by the application deadline. You must therefore ensure that your application clearly demonstrates how your skills and experience fulfil the criteria specified above.

The application must include:

- CV and certificates.
- Transcripts and diplomas for bachelor's and master's degrees. If you have not completed the master's degree, you must submit a confirmation that the master's thesis has been submitted.
- A copy of the master's thesis. If you recently have submitted your master's thesis, you can attach a draft of the thesis. Documentation of a completed master's degree must be presented before taking up the position.
- Project proposal on a topic related to the facilitation and management of the interplay between work practices and digital transformation from a sociotechnical perspective (min. 3 pages - max. 5 pages)..
- Name and contact information of three references.
- If you have publications or other relevant research work.

If all, or parts, of your education has been taken abroad, we also ask you to attach documentation of the scope and quality of your entire education, both bachelor's and master's education, in addition to other higher education. Description of the documentation required can be found [here](#). If you already have a statement from NOKUT, please attach this as well.

We will take joint work into account. If it is difficult to identify your efforts in the joint work, you must enclose a short description of your participation.

In the evaluation of which candidate is best qualified, emphasis will be placed on education, experience and personal and interpersonal qualities. Motivation, ambitions, and potential will also count in the assessment of the candidates.

NTNU is committed to following evaluation criteria for research quality according to [The San Francisco Declaration on Research Assessment - DORA.](#)

General information

NTNU believes that inclusion and diversity is our strength. We want to recruit people with different competencies, educational backgrounds, life experiences and perspectives to contribute to solving our social responsibilities within education and research. We will facilitate for our employees' needs.

NTNU is working actively to increase the number of women employed in scientific positions and has a number of resources to promote equality.

The city of Trondheim is a modern European city with a rich cultural scene. Trondheim is the innovation capital of Norway with a population of 200,000. The Norwegian welfare state, including healthcare, schools, kindergartens and overall equality, is probably the best of its kind in the world. Professional subsidized day-care for children is easily available. Furthermore, Trondheim offers great opportunities for education (including international schools) and possibilities to enjoy nature, culture and family life and has low crime rates and clean air quality.

As an employee at NTNU, you must at all times adhere to the changes that the development in the subject entails and the organizational changes that are adopted.

A public list of applicants with name, age, job title and municipality of residence is prepared after the application deadline. If you want to reserve yourself from entry on the public applicant list, this must be justified. Assessment will be made in accordance with current legislation. You will be notified if the reservation is not accepted.

If you have any questions about the position, please contact Jostein Engesmo, telephone +47 99 11 99 39, email jostein.engesmo@ntnu.no. If you have any questions about the recruitment process, please contact HR, e-mail: hr@idi.ntnu.no.

If you think this looks interesting and in line with your qualifications, please submit your application electronically via jobbnorge.no with your CV, diplomas and certificates attached. Applications submitted elsewhere will not be considered. Upon request, you must be able to obtain certified copies of your documentation.

Application deadline: 05.02.24

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The Norwegian University of Science and Technology (NTNU) creates knowledge for a better world and solutions that can change everyday life.

Department of Computer Science

We are the leading academic IT environment in Norway, and offer a wide range of theoretical and applied IT programmes of study at all levels. Our subject areas include hardware, algorithms, visual computing, AI, databases, software engineering, information systems, learning technology, HCI, CSCW, IT operations and applied data processing. The Department has groups in both Trondheim and Gjøvik. The Department of Computer Science is one of seven departments in the Faculty of Information Technology and Electrical Engineering .

Additional information

Contact person:
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Place of service:
Høgskoleringen 1 7491 Trondheim (Trondheim Municipality)