

Jobbnorge-ID: 95495

Søknadsfrist: Avsluttet

Nettside:

Omfang:

Varighet:

PhD position in Semantic Web Technologies at the Department of Computer and Information Science, NTNU

The [Faculty of Information Technology, Mathematics and Electrical Engineering](#) at the Norwegian University of Science and Technology (NTNU) invites applications for a PhD position in Semantic Web Technologies affiliated with the [Department of Computer and Information Science](#). The positions shall provide promising research recruits the opportunity for professional development through studies towards a PhD within the [Information Technology](#) PhD program.

The employment period for a PhD position without required duties will be 3 years. The employment period for a PhD position with required duties will be 4 years, with duties equivalent to 25%.

Information about the department

Department of Computer and Information Science is the largest department at the Faculty of Information Technology, Mathematics and Electrical Engineering, NTNU. Our department staff and PhD students conducts research in many fields of computer and information science; ranging from hardware related research to research on the social implications of information systems.

Job description

The PhD student will be part of the [Data and Information Management Group](#) and the main research area is to investigate next generation challenges in the area of Semantic Web with a particular focus on issues that arise when the global web of data increases in size and complexity. Relevant subtopic for the research include Management, dissemination, alignment and reuse of semantically annotated data in a dynamic and distributed context, Search, exploration and semantic-aware services in large, complex and/or dynamic ontologies, Data quality and Diversity on the Semantic Web.

Qualifications

The requirement for the positions is a completed master's degree in Computer and Information Science or equivalent. We seek individuals with specialization in areas such as Semantic Web technologies, data and information management, distributed systems, information retrieval, algorithms or intelligent systems. The PhD position will be awarded on a competitive basis. Emphasis will be put on personal qualities and potential as a researcher.

Applicants must be qualified for admission as PhD student at NTNU. For more information see: <http://www.ntnu.edu/ime/research/phd/start>. In accordance with the NTNU PhD regulations, applicants must have a grade point average (GPA) from their M.Sc/M.Eng studies (or equivalent) of B or better, as measured in ECTS (European credit transfer system) grades.

Proficiency in the English language is required. Foreign applicants must document an English language test TOEFL score of 600 or higher, or provide documentation of equivalent skills.

Payment- and working conditions

The PhD positions is paid according to salary level 50 - 62, position code 1017, LR20 in the National Salary Scheme, gross NOK 420 800 - 518 200 per annum (before tax), of which 2 % is deducted for the State Pension Scheme.

Employment will be activated in accordance to existing [NTNUs regulations of 23.01.2012](#). The applicants must commit to join organized PhD-studies within the employment period.

The appointment is to be made in accordance with the regulations in force concerning State Employees and Civil Servants. The employee is expected to accept possible changes in work tasks.

A good work environment is characterized by diversity. We encourage qualified candidates to apply regardless of gender, disabilities or cultural background.

The Application

Every application must include:

- Curriculum vitae with information about the candidate's prior training, exams, and work experience.
- A short presentation of the motivation for a PhD study, how the applicant sees his/her background suitable (0,5 page), and the applicant's view of research challenges within the target area (3-4 pages).
- Certified copies of transcripts and diplomas must be enclosed. Candidates from universities outside Norway are kindly requested to send a Diploma Supplement or a similar document, which describes in detail the study and grade system and the rights for further studies associated with the obtained degree.

- Master thesis (electronic version).
- Publications and any other work that the applicant wishes to be taken into account should be enclosed. Please list the submitted publications in the application. Joint works should clearly indicate the applicant's contributions.
- Non-Norwegian applicants must document their level in English by presenting an official language test report. Foreign applicants must document an English language test TOEFL score of 600 or higher, or provide documentation of equivalent skills. Accepted tests are TOEFL, IELTS, and Cambridge Certificate in Advanced English (CAE) or Cambridge Certificate of Proficiency in English.

Incomplete applications will not be taken into consideration.

Further information on the PHD position can be obtained from Associate Professor Trond Aalberg (trondaal at idi.ntnu.no).

Applications should be marked IME-044-2013.

Application deadline: 15.08.2013.

Tilleggsinformasjon

Arbeidssted: