

*The University of Stavanger (UiS) has about 10,700 students and 1,560 employees. The University is located in the third largest urban region in Norway, with a dynamic labor market and exciting cultural and leisure activities. We are the only Norwegian member of the European Consortium of Innovative Universities. The university has high ambitions. We will be a driving force in the development of knowledge in the region, and an international research university with an emphasis on innovation. Together with our staff and students, we will challenge the well-known and explore the unknown.*

*Department of Electrical Engineering and Computer Science is part of the Faculty of Science and Technology. The department carries out research within data, electricity and electronics, and offers bachelor programs in electrical- and computer engineering, master programs in computer science and cybernetics/signal processing, and a PhD program in information technology. The master program in computer science is an international program and is taught in english. There are currently 40 employees, including research fellows and postdocs, and 520 students at the department.*

## Engineer in Computer Science

The University of Stavanger invites applications for a position as Engineer of Computer Science at the Department of Electrical Engineering and Computer Science. The position is vacant from 01.02.2018 or by appointment.

### Work tasks:

- Responsibility for safe operation of the department's data center
- Support operation of the faculty's data center
- Support the research carried out in the data group at the department
- Participate in the teaching of relevant data subjects
- Support guidance of bachelor and master students in computer science

### Applicants must hold following qualifications:

- Bachelor's or Master's degree in Computer Science / Information technology. Master's degree is preferred, but good qualifications can compensate.
- Have good knowledge of the operation of computer systems
- Be able to handle hardware and software to ensure safe operation of computer systems
- Good communication skills, with colleagues and students
- Communicate in English, both written and oral

### We can offer:

- Good working environment and conditions
- Good opportunities for personal and professional development
- Interesting and demanding work tasks
- Flexible working hours
- Good welfare systems
- Sports facilities on campus

The job description below provides information on organizational placement, responsibilities and tasks.

Further information on the position can be obtained from Tom Ryen, Head of Department, tel. +4751832029, email [tom.ryen@uis.no](mailto:tom.ryen@uis.no)

Information about the recruitment process can be obtained from HR consultant Anne Karin Rafos, tel. +4751831711, email [anne.k.rafos@uis.no](mailto:anne.k.rafos@uis.no)

The position is paid according to the state wage regulation, l.pl. 90.301, code 1087 of Nkr 459 100 - 508 800 bto per year. In special cases higher pay can be considered.

The position automatically provides membership in the Government Pension Fund, which ensures good pension rights.

The University wants to recruit more women to engineer positions in the field. If more applicants have equal qualifications, a female applicant will be posed in front of a man.

Please register your application in an electronic form on [jobbnorge.no](http://jobbnorge.no). Relevant education and experience must be registered in the form. Certificates, diplomas, letter of recommendation, any publication list, publications and other documentation that you consider relevant, should be submitted as attachments to the application as separate files. If the attachments exceed 30 MB all together, they will have to be compressed before uploading.

### Job description

### 1. Organizational location:

- The position holder is employed at the University of Stavanger. Currently, the Department of Electrical Engineering and Computer Science organize the position.
- The laboratory leader at the department is manager to the position holder.
- The position holder is organized at the computer science at the department. She or he can also be included in projects regardless of organizational placement.

### 2. Responsibilities:

- Operation of the department's data center, and teaching and research support related to this.

### 3. Work tasks:

The main part of this position is the maintenance and further development of the department's data center to support research and teaching in data center technology. The applicant should have good expertise in several of the following subject areas: GNU / Linux, cloud computing, container technology, data-intensive systems, distributed systems, distributed storage services, configuration management systems, infrastructure definition techniques, infrastructure monitoring, computer networks and data security. Knowledge of the following technologies, or their alternatives, is desirable:

- Cloud computing platforms: OpenStack, OpenNebula, Amazon Web Services.
- Data-intensive systems: Hadoop, Spark, HBase, Cassandra, Voldemort, Elasticsearch, Logstash
- Configuration Management Systems: Puppet, Cook, Ansibel, SaltStack
- Distributed storage solutions: Ceph, Luster, Gluster
- Infrastructure Definition Technology: Foreman, Terraform
- Container technology: Docker, Vagrant, Kubernetes
- Monitoring and visualization: InfluxDB, Grafana, Collectd, NetFlow, SNMP, Kibana
- Data networks: Routing, switching, load balance, L2-bridging, network virtualization
- Information and network security: Access control, intrusion detection, firewalls, privacy, cryptography
- Programming languages: Python, C ++ / Java, Go, shell scripting.

The position involves collaborating in teaching and research at the University of Stavanger, as well as administrative tasks. It is expected that the placement holder is kept up to date with the technology used in the data center, and technology relevant to teaching and research projects assigned to the position in periods. Other tasks may be added to the post.

Jobbnorge ID: 141059, Deadline: Closed