Postdoctoral Research Fellow in HCI

UiB - Knowledge that shapes society
Through robust and close interaction with the world around us - globally, nationally and locally - we shall be instrumental in building a society based on knowledge, skills and attitudes.

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Video: https://www.youtube.com/watch?v=JRdMR-PhbBQ&t=4s

Postdoctoral Research Fellow position
The University of Bergen is a renowned educational and research institution, organised into seven faculties and approximately 54 institutes and academic centres. The campus is located in the center of Bergen with university areas at Nygårdshøyden, Haukeland, Marineholmen, Møllendalsveien and Årstad.

The Department of Information Sciences and Media Studies includes research groups in the areas of Human-Computer Interaction (HCI), Logic and AI, and Intelligent Information Systems.
The HCI research group is located in the very center, Nygårdshøyden,

Postdoc-position
The Department of Information Science and Media Studies offers a full-time position (100 %) as Postdoctoral Research Fellow in Human-Computer Interaction for a period of four (4) years.

About the project/work tasks:
About the research group and areas of research:
The members of the HCI research group at UiB do research on different topics within human-computer interaction, from a range of perspectives, with different methods and focus on many research topics and application areas for interactive technologies, including, but not limited to (alphabetical, not exhaustive):

- Augmented and Virtual Reality (AR/VR)
- Computational interaction (machine learning and optimization of UI design)
- Conversational agents and voice UIs
- Design for an aging population
- Design for mental health and well being
- Human-AI interaction
- Interactive media, personalization, and accessibility
- Interactive surfaces and spaces
- Mobile and digital journalism
- Participatory design
- Tangible interaction
- Performance and ergonomics methods for post-desktop UIs
- Video interactions
- Wearable UIs

About the types of project proposals that will be relevant to the call:

- The PostDoc project should be positioned in relation to the ongoing research activities within the HCI group. We welcome proposals that focus on (not exhaustive):
  - Applying design methods for novel physical and digital user interfaces
  - Designing and evaluating of user interfaces
  - Applying methods and perspectives from participatory design
  - Advancing empirical methods for evaluation and validation of user interfaces
  - Developing interaction techniques and technologies
  - Sensing users’ behavior and analyzing data

Qualifications and personal qualities:
The applicant must hold a Norwegian PhD or equivalent degree in one of the following disciplines: human-computer interaction, computer engineering, computer science and behavior psychology. At the date of commencement of the postdoc employment, the PhD must have been awarded.

- Experience with empirical studies and analysis of interactive technologies
- Experience with UI design and evaluation
- Hands-on knowledge and experience with HCI research methods relevant to the projects at the HCI group
- Ability to work independently, work in a structured manner, and to cooperate
- Good command of oral/written English

Optional competences, experience, and relevant projects:

Candidates that have some of the following competence and experience can be given extra consideration when assessing the proposed projects:

- Candidates that have a strong background in qualitative methods, participatory design and/or doing creative and innovative work with design explorations in HCI or CSCW will be prioritized
- Projects that address the intersection of embodied interaction and full-body interaction will be welcome
- Experience from world-leading research groups in HCI
- A record of publishing at high impact venues in HCI (such as CHI, DIS, CSCW, ECSCW, TEI, VRST, UIST, ToCHI, IEEE VR, NordiCHI, HCI journal)
- Experience in interactive application development in Unity, mobile, or wearables
- Experience in hardware prototyping with Arduino/Raspberry Pi
- Experience from relevant research projects
- Mastery of a Scandinavian language will be an advantage

About the position of postdoctoral research fellow:

The position of postdoctoral research fellow is a fixed-term appointment with the primary objective of qualifying the appointee for work in top academic positions. The fixed-term period for this position is 4 years. Individuals may not be hired for more than one fixed-term period as a postdoctoral research fellow at the same institution.

Upon appointment, applicants must submit a project proposal for the qualifying work including a work schedule. For postdoctoral research fellow positions associated with externally financed projects, the completion of the project proposal for the qualifying work will take place in consultation with the project/centre manager. It is a requirement that the project is completed in the course of the period of employment.

We can offer:

- Exciting development opportunities as part of your role in a strong professional environment
- Salary 573 900 NOK (code 1352/ltr. 62) gross p.a. on the government salary scale. Further promotion will be after service seniority in the position
- Enrolment in the Norwegian Public Service Pension Fund
- Good welfare benefits

Your application must include:

- a brief account of the applicant’s research interests and motivation for applying for the position, including a short statement concerning a plan for the research to be described in the forthcoming project proposal
- transcripts and diplomas (applicants with education from other countries than Norway must enclose witnessed diplomas in both the original language and authorized translations) and documentation of the doctoral thesis
- complete list of publications
- publications (pdf) it is important that each of the scholarly works on which the committee should place special emphasis, is attached in its entirety
- two referees (name and contact information)

Incomplete applications or applications sent as e-mails will not be considered. Only documents submitted via Jobnorge will be subjected to an expert assessment.

The application and appendices with certified translations into English or a Scandinavian language must be also uploaded to Jobnorge.

Closing date: 18 November 2022. The application has to be marked: 22/15242

General information:
For further information please contact: Frode Guribye, frode.guribye@uib.no, Morten Fjeld, morten.fjeld@uib.no, or Miroslav Bachinski, miroslav.bachinski@uib.no.

The state labour force shall reflect the diversity of Norwegian society to the greatest extent possible. People with immigrant backgrounds and people with disabilities are encouraged to apply for the position.

The University of Bergen applies the principle of public access to information when recruiting staff for academic positions.

Information about applicants may be made public even if the applicant has asked not to be named on the list of persons who have applied. The applicant must be notified if the request to be omitted is not met.

Further information about our employment process can be found here.
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There are seven departments at Faculty of Social Sciences. Read more about the faculty and departments.