



UNIVERSITETET
I OSLO

Jobbnorge ID: 240187

Deadline: 3/2/2023

Website: <http://www.uio.no/>

Scope: Fulltime

Duration: Engagement

Postdoctoral Research Fellowship in Cyber Threat Intelligence and Security Automation

About the position

A postdoctoral Research Fellow position in (the intersection of) Cyber Threat Intelligence (CTI) and Automation is available at the Department of Informatics ([IFI](#)), University of Oslo.

This fellowship is for a period of 2 years and 8 months (10% of which is devoted to teaching activities). Preferred starting date is as soon as possible.

To be eligible, candidates must not be a citizen of any other countries than European countries, NATO countries, and Five-Eyes countries. This is because cyber security research may involve collaboration with defence and national security organizations where security clearance may be needed.

No one can be appointed for more than one Postdoctoral Research Fellowship at the University of Oslo.

Job description

The postdoctoral fellow will work in the context of the Digital Security Group's research projects, in particular as part of the CyberHunt project <https://www.mn.uio.no/ifi/english/research/projects/cyberhunt/>, funded by the Research Council of Norway. The project intersects other EU research projects in which the group is involved (e.g., [JCOP](#) and [PHOENIX](#)), and hence cross-project collaboration should be expected.

The fellow will perform research activities in Cyber Threat Intelligence and Security Automation. Tasks, in addition, will involve development of prototype software tools, contributions to standardization bodies (standardization), report writing, supervision of master and PhD students, as well as teaching and some project management. Research results shall be submitted for publication in high-profile conferences and journals.

Qualification requirements

The Faculty of Mathematics and Natural Sciences at UiO has a strategic ambition of being a leading research faculty. The successful candidates for this postdoctoral fellowship will be selected accordingly and is expected to be in the upper segment with respect to academic credentials.

- Applicants must hold a PhD degree (or must at least have submitted the PhD dissertation by the application deadline) in cyber security. The focus of this position is to work within CTI and Security Automation; hence the following qualifications are required and must be documented:
- In terms of publications, applicants must have a good track record in cyber threat intelligence and/or security automation.
- Applicants must have good knowledge of the various standardization efforts within CTI and Security Orchestration and Automation and preferably have already contributed to standardization efforts and open-source projects (e.g., MISP, OASIS STIX/TAXII, OASIS CSAF, etc.). Own published projects are also eligible, for example, code-base published in GitHub.
- Experience in organizing academic events and workshops, especially related to CTI, is an advantage. Other dissemination activities should be clearly documented. For example, the applicant may publish relevant to the position blog posts.
- The application should describe how the applicant's PhD project and other research activities are relevant to the position.
- The candidate must be able to express themselves fluently in English, both in writing and orally.

It is expected that the candidate can work independently and take the initiative to make contacts and collaborate with the national and international research community. Applicants with teaching experience at a bachelor/master's/PhD level should mention it in their application.

The successful candidate will be selected based on relevant knowledge and experience in the areas described above, as well as academic results and scientific publications.

Applicants who are in the process of completing their PhD degree must submit their PhD thesis by the application deadline.

General information about postdoctoral fellowships:

<https://www.uio.no/english/about/regulations/personnel/academic/regulations-employment-conditions-postdoc.html>

We offer

- Salary NOK 544 400 - 626 300 per year depending on qualifications and seniority as Postdoctoral Research Fellow (position code 1352)

- Attractive [welfare benefits](#) and a generous pension agreement
- Vibrant international academic environment
- [Career development programmes](#)
- Oslo's family-friendly surroundings with their rich opportunities for culture and outdoor activities

How to apply

The application must include:

- Application letter should also address the suitability of the candidate based on the requirements specified above)
- CV (summarizing education, positions and academic work - scientific publications)
- Certified transcripts of the candidate's academic record
- The most relevant and important publications and academic work that the applicant wishes to be considered by the evaluation committee (maximum 5)
- Names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number)

The application with attachments must be delivered in our electronic recruiting system (please follow the link "Apply for this job"). All documents must be in English or in a Scandinavian language.

Formal regulations

Please see the [guidelines](#) and [regulations](#) for appointments to Postdoctoral fellowships at the University of Oslo.

No one can be appointed for more than one Postdoctoral Fellow period at the University of Oslo.

According to the Norwegian Freedom of Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

UiO has an [agreement for all employees](#), aiming to secure rights to research results a.o.

UiO has as a general goal to achieve gender balance in the workforce and to be open for recruiting people with ethnic minority backgrounds.

Inclusion and diversity are a strength. The University of Oslo has a personnel policy objective of achieving a balanced gender composition. Furthermore, we want employees with diverse professional expertise, life experience and perspectives.

If there are qualified applicants with disabilities, employment gaps or immigrant background, we will invite at least one applicant from each of these categories to an interview.

Contact information

For inquiries about this position, please contact Professor Audun Jøsang, phone: +47-98431433, e-mail: josang@ifi.uio.no or Associate Professor Vasileios Mavroeidis, e-mail: vasileim@ifi.uio.no.

For questions regarding the recruitment system Jobbnorge, please contact HR Adviser Therese Ringvold, e-mail: therese.ringvold@mn.uio.no

About the University of Oslo

The University of Oslo is Norway's oldest and highest rated institution of research and education with 28 000 students and 7000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

The Department of Informatics (IFI) is one of nine departments belonging to the Faculty of Mathematics and Natural Sciences. IFI is Norway's largest university department for general education and research in Computer Science and related topics.

The Department has more than 1800 students on bachelor level, 600 master students, and over 240 PhDs and postdocs. The overall staff of the Department is close to 370 employees, about 280 of these in full time positions. The full time tenured academic staff is 75, mostly Full/Associate Professors.

Additional information

Place of service:

Gaustadalléen 23 B 0373 Oslo (Oslo Municipality)