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UNIVERSITY
OF BERN

ARTORG CENTER
BIOMEDICAL ENGINEERING RESEARCH

Postdoctoral Fellow Position in Machine Learning for Healthcare

The **ARTORG Center for Biomedical Engineering Research** is the University of Bern's transdisciplinary Center of Excellence for medical technology research. Its mission is to tackle unmet clinical needs and envision future challenges in diagnosis, monitoring and treatment to create viable healthcare technology solutions with imagination, agility and purpose. Its projects run from discovery and basic research to clinical translation.

The [Artificial Intelligence in Health and Nutrition \(AIHN\)](#) has opened a full-time postdoctoral fellow position in machine learning/artificial intelligence. The position is funded for a period of 1 year and can be prolonged up to 2 years. The researcher will be part of the AI in Health and Nutrition group and will work with a team of engineers, computer scientists and healthcare professionals on the introduction, use and evaluation of machine learning algorithms for healthcare applications based mainly on the analysis of images. The output will be disseminated to high-impact international journals and conferences.

Salary will be according to Swiss University regulations. University of Bern is an equal opportunity employer and offers a unique international working environment, in terms of collaboration setting, interdisciplinary research, infrastructure, and reputation.

Requirements

The candidates need to have strong background and experience in computer vision and machine learning and show outstanding commitment to multidisciplinary research. The candidates must have already obtained a doctorate (PhD) in machine learning from a recognized university and have a strong publication record with at least one publication at IEEE TMI, IEEE MM, IEEE JBHI, MICCAI, ECCV, CVPR, ICML or equivalent conferences and journals. Proficient oral and written English skills are expected. Working language: English.

Application

Applications should include a letter of research interests and objectives (1-2 pages), a detailed curriculum vitae with publications list, the transcripts of all obtained degrees (in English), the names and contact details of two referees and two publications with the applicant as the main contributor (links or PDFs). The documents should be combined into ONE pdf file and send via email. The applications will be evaluated as soon as possible and the search will continue until the position is filled.

For further information about ARTORG please visit our [website](#). To send your application or for questions related to the position please contact [Prof. Dr. Mougialakou](#).

About the University of Bern

The University of Bern is located at the heart of Switzerland. Internationally connected and regionally anchored, it cultivates exchange with society and strengthens partnerships between science, medicine, business, and politics. The University of Bern is committed to a deliberate and ethical responsibility towards people, animate and inanimate nature. As an important educator, promoting enterprise and industry in the region and beyond, it distinguishes itself through problem-oriented research into questions of pressing social relevance.

The University of Bern is an equal opportunity employer, promotes healthy work-life-balance and safe working environments, and strives to increase the number of women at all levels in its faculties.