

The Bio-inspired Computer Vision Research Group (Prof. Dr. Gunther Heidemann) of the Institute of Cognitive Science invites applications for

1 Research Assistant (m/f/d)
(Salary level E 13 TV-L, 100 %)

to be filled as soon as possible for a period until March 31, 2023.

The position can be held full time or part-time and allows for further scientific qualification, e.g. PhD or German doctorate degree off the job.

The position is part of the collaborative research project ZIEL. The project aims at developing AI methods and human-machine interfaces for medical decision making in the context of wound healing.

Partners are the University of Osnabrück, the University of Applied Sciences of Osnabrück, Universitätsklinikum Erlangen, Universitätsklinikum Essen and the companies Apenio and Symbic, as well as associated partners from industry.

Description of Responsibilities:

The successful applicant conducts research and development on Computer Vision, Machine Learning, and Human-Machine Interfaces for AI systems within the interdisciplinary project ZIEL according to the work plan. In particular, deep neural networks will be applied to the segmentation and classification of wound images. Research activities may include close interaction with the partners and scientific publications.

Required Qualifications:

- Applicants are expected to have an academic degree (Master/Diploma) in Cognitive Science, Computer Science or related fields.
- Experience in the following areas is expected:
 - Machine Learning
 - Computer Vision
 - Use of software tools, e.g. TensorFlow
 - Good programming skills
- A good command of the English language is mandatory.

Osnabrück University is a family-friendly university and is committed to helping working/studying parents balance their family and working lives.

Osnabrück University seeks to guarantee equality of opportunity for women and men and strives to correct any gender imbalance in its schools and departments.

If two candidates are equally qualified, preference will be given to the candidate with disability status.

Applications with the usual documentation should be submitted by e-mail in a **single** PDF file to Prof. Dr. Gunter Heidemann (gheidema@uos.de) with a cc to office@ikw.uni-osnabrueck.de no later than May 6, 2021. Further information can be obtained from Prof. Dr. Gunther Heidemann (gheidema@uos.de).