



The Chair of Explainable Machine Learning at the **Otto-Friedrich-Universität Bamberg** aims to fill, starting on the next possible date, **two positions** as

Scientific Employee (m/f/d) with the goal of completing doctoral studies
(in full-/or part time in "Entgeltgruppe" TV-L E 13)

Scientific Employee - PostDoc (m/f/d)
(in full-/or part time in "Entgeltgruppe" A13)

The positions are available for a term of 3 years (2 years for PostDoc) initially with the potential for extension beyond that.

The research conducted in the group is focused on machine learning methods that increase the reliability, data efficiency and generalization of neural networks in the context of a specific application. The actual application and the benefit to the end-user or patient are the main focus of the research and thus the transparent, human-centered communication of quantifiable results including uncertainty estimates are critical.

Your role:

- Support of Research & Teaching efforts of the research lab (based on the ERBA campus)
- Independent, self-sufficient research of a specific research topic
- Presentation of research results at national and international conference

Your Profile:

- Completed University degree (Masters level or PhD for PostDoc) with focus: machine learning, pattern recognition, image/signal processing, applied mathematics, statistics or comparable
- Fluent in established programming language (e.g. Python, C++)
- Ability to work in a highly analytical, structured and autonomous fashion
- Proficiency in English is required. Basic knowledge of German is helpful but not required.

General:

The Otto-Friedrich-University Bamberg aims to increase the ratio of women in research and teaching and thus asks qualified women explicitly to apply. Applicants with disability (m/f/d) will have preference at otherwise equal qualification. The Otto-Friedrich-University Bamberg was certified as being a family friendly university by the Hertie-foundation. The university focuses in particular on the compatibility of family and career.

Application:

Please send your complete application including a brief letter of motivation, CV, transcripts, and optionally a research project proposal, publication record and contact details of two references. Please send your application electronically as a single pdf file to the email address mentioned below stating the earliest possible starting date.

Applications possible until 1 August 2022

Contact: Prof. Dr. Christian Ledig (christian.ledig@uni-bamberg.de)
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