UNIVERSITÄT PADERBORN

Paderborn University is a high-performance and internationally oriented university. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our employees in research, teaching, technology and administration a lively, family-friendly and equal opportunity environment, a lean management structure and diverse opportunities. **Join us to invent the future!**

The **Faculty of Computer Science , Electrical Engineering and Mathematics** - Department of Computer Science / **Data Science Group** – offers the position in the research network SAIL (Sustainable Life-cycle of Intelligent Socio-Technical Systems, https://www.sail.nrw/) of a

Post-Doc (f/m/d)
(Salary level 14 TV-L)

with a regular working time of 100 %. This is a fixed-term position initially until 31st of July 2026 due to third-party funding within the meaning of the Wissenschaftszeitvertragsgesetz (WissZeitVG). The fixed-term period corresponds to the approved project period. The possibility of a further academic qualification is given.

Your research duties and responsibilities include:
- Independent and innovative research on reinforcement learning
- Expertise in explainable AI is a plus
- Expertise in learning on structured data will also be considered a plus
- Contributions to project's results, to international conferences and written publications
- Collaboration in the activities of the network

We expect the following profile:
- You have completed a doctorate in the field of computer science
- You have strong analytical and mathematical skills
- You have a background in reinforcement learning
- You are comfortable programming in Java or Python
- You have excellent communication skills
- The ability to work in an international team is indispensable for the position

We offer:
- A creative international team, an open communication culture and agile workflows, as well as work on highly relevant research topics and technologies
- Flexible working hours and the individual option of mobile working
- Wide range of health, counseling and prevention services
- Attractive fringe benefits such as childcare facilities and sports activities
- Opportunities for internal and external training and personnel development
- Additional benefits in accordance with the collective wage agreement of the federal states (TV-L) such as annual bonuses and capital-forming benefits as well as the VBL supplementary employer pension scheme (VBL)

Your CV must contain the following pieces of information:
- Grades of B.Sc and M.Sc. and your doctoral certificate
- Details about the work positions that you held before, if any
- A link to code examples (e.g., on GitHub), if any
- A list of your publications
- An indication as to whether your profile can be forwarded to potentially interested partners within the SAIL network.

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to to state law (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is generally possible. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

Please send your application (including letter of motivation, curriculum vitae, transcripts, certificates) by **March 28th, 2025** with **reference number 6872** in one PDF-data to Prof. Dr. Axel Ngonga: mone@uni-paderborn.de.

Information regarding the processing of your personal data can be located at:
https://www.uni-paderborn.de/en/zv/personaldatenschutz.

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