Paderborn University is a high-performance and internationally oriented university with approximately 18,000 students. 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 around 2,600 employees in research, teaching, technology and administration a lively, family-friendly, equal opportunity environment, a lean management structure and diverse opportunities. Join us to invent future!

The Data Science Group at Paderborn University offers a full-time position in the collaborative AI project SAIL (Sustainable Life-cycle of Intelligent Socio-Technical Systems, https://www.sail.nrw/) as an

Research Assistant (f/m/d)
(salary is according to E13 TV-L)

starting as soon as possible. The position is initially limited until 31st of July 2026 and offers the possibility to obtain further academic qualification in the field of knowledge graphs. The period of employment is governed by the Academic Fixed-Term Contract Act (Wissenschaftszeitvertragsgesetz – WissZeitVG). An extension is possible.

Your research duties and responsibilities include:
• Research on knowledge graph robustness
• 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 a very good scientific M.Sc. degree in computer science or a related area that qualifies you for a PhD degree
• You have strong analytical and mathematical skills
• You have a background in knowledge graphs, knowledge representation or machine learning
• You are comfortable programming in Java or Python
• You have excellent communication skills and the ability to work in an international team are indispensable for the position
• You have an interest in interdisciplinary scientific cooperation

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

We provide:
• A creative international team
• An open communication culture and agile workflows
• Work on highly relevant research topics and technologies
• A family-friendly workplace with the opportunity for telework (‘Mobiles Arbeiten’) and flexible start and finish times
• Personnel development through further training opportunities
• A supplementary employer pension scheme (VBL)

Salary and additional benefits are governed by the Collective Agreement for the Public Service of the Federal States (Tarifvertrag für den öffentlichen Dienst der Länder – TV-L).

Since Paderborn University seeks to increase the number of female scientists, applications of female are especially welcome. In case of equal qualification and scientific achievements, they will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Policy (LGG), unless there are cogent reasons to give preference to another applicant. Part-time employment is generally possible. Likewise, applications of disabled people with appropriate qualification are explicitly requested. This also applies to people with equal status according to the German social law SGB IX.

Interested applicants can apply by sending a letter of motivation, a curriculum vitae (see above), scanned transcripts and diplomas to Prof. Dr. Axel Ngonga (E-Mail: mone@upb.de) by 22nd of October 2023 using the reference code 6107.

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

Prof. Dr. Axel Ngonga
Fakultät für Elektrotechnik, Informatik und Mathematik
Institut für Informatik
Universität Paderborn
Warburger Str. 100
33098 Paderborn

www.upb.de