



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 as a

Research Assistant (f/m/d)

(Salary is according to E 13 TV-L)

with a regular working time of 100 %. This is a fixed-term position initially until 30th of June 2025 due to third-party funding within the meaning of the Wissenschaftszeitvertragsgesetz (WissZeitVG). The fixed-term period corresponds to the approved project period. The opportunity for further scientific qualification is given. An extension is under certain stains possible.

The position is part of the **Transregional Collaborative Research Center 318 “Constructing Explainability”** at the Universities of Paderborn and Bielefeld. Within this collaboration, scientific work will focus on the development of co-constructing explaining AI-systems. The position’s responsibilities fit in the individual project B01 on “A dialog-based approach to explaining machine learning models” with the data science group at Paderborn University. The group investigates research questions regarding white-box machine learning models based on de-description logics. The candidate is expected to contribute to the development of explainable artificial systems and to conduct innovative research on this topic aiming at publications on leading international conferences. The position is a perfect fit for a person interested in teamwork and research in an international group and at the same time passionate about exchanging across disciplines.

Responsibilities:

- Scientific work on knowledge graphs and machine learning contributing to the development of explainable artificial systems within the individual project B01
- Contributions on project’s results to international conferences and written publications
- Participation in activities of the Integrated Research Training Group
- Networking within the Transregional Collaborative Research Center
- Interdisciplinary communication and cooperation

Hiring requirements

- Scientific Master's degree in computer science or a related area with very good grades
- Experience with knowledge graphs and machine learning
- Very good programming skills (Python or Java)
- Very good English skills

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)

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, scanned transcripts and diplomas) by **15th of November 2024** using the **reference number 6714** 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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