Paderborn University is a high-performance and internationally oriented university with approximately 20,000 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 more than 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 the future!

The Faculty of Computer Science, Electrical Engineering and Mathematics – Department of Computer Science, Data Science Junior Research Group – offers a full-time position as

**Research Assistant (f/m/d)**

(according to salary group E 13 TV-L)

starting as soon as possible. This is a qualification position in the sense of the Wissenschaftszeitvertragsgesetz (WissZeitVG), which serves to support a PhD project in the field of **Explainable Artificial Intelligence**. The position is limited in time for the duration of the doctoral process, depending on the qualification achieved so far, but usually for a period of 3 years. An extension to complete the doctorate may be possible within the limits set by the WissZeitVG.

**Your responsibilities:**

- Research in Explainable Artificial Intelligence
- This includes the development of scalable approaches for explaining machine learning models on large knowledge graphs
- Teaching for 4 hours per week

**Your profile:**

- Master’s degree in computer science or a related field
- Profound knowledge in machine learning
- Programming skills in Python
- Prior knowledge of knowledge graphs, explainable machine learning, machine learning with graphs, and reinforcement learning is a plus
- Very good knowledge of English, at least basic knowledge of German

**We offer:**

- Possibility of mobile working and flexible working hours
- Work on highly relevant research topics and technologies
- Personnel development through further training opportunities
- A company pension scheme

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Act (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is, in principle, 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 cover letter, curriculum vitae, transcripts and diplomas digitally in a single PDF quoting **reference number 5555** until **November 30, 2022** to Dr. Stefan Heindorf: heindorf@uni-paderborn.de.

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