Paderborn University is a high-performance and internationally oriented university with approximately 20,000 students. Within interdisciplinary teams, we design forward-looking research, innovative teaching and the active transfer of knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our more than 2,300 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!

In the faculty of Electrical Engineering, Computer Science and Mathematics, the Department of Computer Science, Data Science group offers a position as

Research Assistant (f/m/d)
(the salary is according to TV-L 13)

This is a full-time position, which is to be filled by April 1st, 2020. We will welcome applicants with a Master’s degree pursuing a Ph.D. degree. The position is limited to the duration of the qualification procedure in the field of knowledge graphs. Depending on the previous qualification, the position is to be filled for a period of usually 3 years (according to WissZeitVG).

Your duties and responsibilities:
- Research on the scalability of structured machine learning (sometimes called concept learning). This includes developing efficient approximation methods with quality guarantees able to learn concepts on large-scale polymorphic knowledge graphs.

Your profile:
- M.Sc. degree in computer science or in a related area.
- Background in Semantic Web technologies or knowledge representation.
- Working knowledge of languages such as RDF, RDFS, SPARQL, OWL.
- Programming skills in languages such as Java and Python.
- Previous knowledge in machine learning (especially structured machine learning) is preferable.
- Excellent communication skills and the ability to work in an international team are indispensable for the position.
- You may not have resided or carried out in Germany for more than 12 months for your main activity (work, studies, etc.) in the last 3 years.

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.

Interested applicants should send a letter of motivation, a curriculum vitae, scanned transcripts and diplomas before November 30th, 2019. Please send your documents to Prof. Dr. Axel Ngonga (E-Mail: mone@upb.de) using the reference number 4025.