In the faculty of Electrical Engineering, Computer Science and Mathematics, the Department of Computer Science offers a

**PhD position**
*(the Salary is according to TV-L 13)*

This is a full-time position, which is to be filled as soon as possible. The position is limited to the duration of the qualification procedure in the field of Data Science, depending on the previous qualification, for a period of usually 3 years to fill (according to WissZeitVG).

**About the role**
The ideal candidate holds a MS degree in Computer Science or related field and is able to consider both theoretical and practical implementation aspects in his/her work. Fluent English communication and solid programming skills (in Java/Scala and/or Python) are fundamental requirements. Command of German language is a plus, but not a requirement. We are an agile working group with a strong focus on open-source development, see [https://github.com/dice-group](https://github.com/dice-group).

**Requirements**
The candidate should have experience and commitment to work on the forefront of research in one of the following fields:
- Semantic web technologies
- Machine learning
- Knowledge representation
- Software engineering
- Combinations of natural language and data processing

Working knowledge in the following areas are a plus:
- Algorithms and data structures
- Development of distributed systems
- Continuous integration and testing
- Collaborative development tools (Git, SVN, Maven)

**Location and Salary**
We welcome applications for candidates with a M.Sc. in Computer Science or in a related field. A relocation to Germany, Paderborn will be required for the position. Excellent communication skills and the ability to work in an international team are indispensable for the position.

Applications of 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. Please send your documents to Prof. Dr. Axel Ngonga <mone@upb.de> using the reference number 3102.