



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)

starting on 01st of February 2025 with a regular working time of 100 %. This is a fixed-term position initially until 31st of January 2028 due to third-party funding within the meaning of the Wissenschaftszeitvertragsgesetz (WissZeitVG) and offers the opportunity to pursue a Ph.D. degree in the field of Automatic Machine Learning and Retrieval Augmented Generation. The fixed-term period corresponds to the approved project period, subject to final grant award made by BMWK.

Your research duties and responsibilities include:

- Research on the automatic generation and configuration of Retrieval Augmented Generation pipelines
- Contributions to project's results, to international conferences, written publications and project reports

We expect the following profile:

- Very good scientific university degree (Master of Science) in computer science or a related area that qualifies you for a PhD degree
- Strong analytical and mathematical skills
- Experience with knowledge graphs and machine learning
- Excellent programming skills in Java or Python and C++
- Communication skills and the ability to work in an international team are indispensable for the position
- Interest in interdisciplinary scientific collaboration

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

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 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 **06th of January 2025** using the **reference number 6763** 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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