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 2,500 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 Computer Science, Electrical Engineering and Mathematics, the Department of Computer Science offers a position as

Research assistant (f/m/d)
(the salary is according to 13 TV-L, 100%)

This is a full-time position available from September 1st, 2021. The position is limited till June 30, 2025, and is related to the Transregional Collaborative Research Center TRR 318 “Constructing Explainability” of the Universities Paderborn and Bielefeld (www.uni-paderborn.de/en/trr318). We welcome doctoral students.

The position will be placed in the Computational Social Science at Paderborn University, which investigates research questions on the use of natural language using methods from computational linguistics and artificial intelligence. We are looking for candidates that are open and strive for self-development, with a passion for teamwork and research in a diverse and international group.

The position is part of the TRR’s interdisciplinary subproject C04 on “Metaphors as an explanation tool” together with Cognitive Psychology. The candidate is expected to conduct innovative research on explainable artificial intelligence, aiming at publications at leading international conferences. A focus of subproject C04 is on the computational and visual analysis of metaphors in explanations.

Responsibilities

- Scientific work in the TRR 318 and in the Computational Social Science Group.
- Interdisciplinary collaboration and participation in the TRR’s graduate school.
- Publication of project results at international conferences.

Essential Qualifications:

- Master’s degree in computer science (or comparable) with very good grades.
- Strong background in methods from artificial intelligence and/or data science.
- Advanced programming skills (Python or Java, and web technologies).
- Very good English skills; proficiency in German, or willingness to learn German.

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, your CV, certificates, and other accompanying documents via email until the 31/07/2021 to (reference 4816) sonja.saage@upb.de (administration)

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