



Paderborn University is a high-performance and internationally oriented university with approximately 18,000 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 **Natural Language Processing** group lead by Prof. Dr. Ivan Habernal at the **Faculty of Computer Science, Electrical Engineering and Mathematics** offers a full-time position as

Postdoctoral Researcher (f/m/d)

(according to salary group E 14 TV-L)

starting as soon as possible in the research area "Privacy-Preserving Natural Language Processing". This position will focus on a broad range of research questions related to privacy-preserving NLP, including large language models or data privatization. A solid background in machine learning for natural language processing is essential, prior experience with differential privacy or other privacy frameworks is a plus.

The position is planned for three years with a possible extension. The period of employment is governed by the Academic Fixed-Term Contract Act (Wissenschaftszeitvertragsgesetz – WissZeitVG). An extension is possible within the time limits of the WissZeitVG.

Your duties and responsibilities:

- Independently conduct innovative research in the research area mentioned above
- Take an active role in supervising students (doctoral-, master's and bachelor's students)
- Operational and strategic management and further development by leading research project
- Acquisition of new third-party funds
- Teaching on the order of 4 teaching hours (SWS) per week

Your profile:

- PhD degree in computer science or a related area
- Excellent analytical and programming skills
- Publications in the area of privacy-preserving NLP/ML is a plus
- Communicative and team-oriented personality
- Independent, self-reliant and committed working style
- Very good command of English, both written and spoken (German is a plus)

We provide:

- Work on highly relevant research topics and technologies in an international research team
- A family-friendly workplace with the opportunity of partial remote work ("Mobiles Arbeiten")
- Personnel development through further training opportunities
- A 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 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.

Apply by sending a short letter of motivation and a curriculum vitae including your publication list to Prof. Dr. Ivan Habernal (ivan.habernal@uni-paderborn.de) with **reference code 6137**. Don't hesitate to contact Prof. Habernal should you have any questions regarding the position. Application deadline is on **October 22nd, 2023**. The position remains open until filled.

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

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