



At the Chair for Fundamentals of Natural Language Processing of the Otto-Friedrich-University Bamberg, we are looking for a

## **student assistant (studentische Hilfskraft) (m/w/d) (20 hrs/month; 1 year contract)**

to support research in the project INPROMPT on prompt optimization in Natural Language.

### **Tasks**

- Reimplementation of state-of-the-art methods for prompt optimization
- Analyse the process of prompt optimization, including statistical and manual methods
- Analyse the difference between human and machine prompt optimization
- Data analysis and visualization
- Support in the research process in natural language processing

### **Required experiences and knowledge**

- Basic knowledge of Natural Language Processing
- Experience in using large language models via APIs and transformers
- 1-year experience of programming with Python for data analysis

### **What we offer**

- Friendly and supportive environment
- Opportunity to learn about state-of-the-art research methods and research questions
- Being part of an ambitious research group
- Flexible work times
- Work space at the Chair of Fundamentals for Natural Language Processing

Please send a short applications to Jiahui Li ([jiahui.li@uni-bamberg.de](mailto:jiahui.li@uni-bamberg.de))