

17.07.2021

## Position as Student Assistant (HiWi) for Machine Learning, Natural Language Processing, and/or Semantic Web Technologies

(Spoken Language: English or German)

We are looking for students who assist us in performing research in the research areas of machine learning, natural language processing, and Semantic Web.

### What are the typical tasks?

- Implementing – under our guidance – novel scientific approaches and demonstration systems (e.g., semantic search systems, recommender systems in combination with knowledge graphs), and creating new data sets for the scientific community.
- Running existing software for building up knowledge graphs, performing information extraction on texts, evaluating neural networks, recommending publications for reading or citing, ...
- Perform data analysis, e.g., on RDF knowledge graphs (DBpedia, Wikidata, ...).



### What prerequisites do you need?

- You have fun with working with data, using methods and techniques from machine learning, text mining, data science, etc.
- You are interested in state-of-the-art research on machine learning, natural language processing, and/or Semantic Web technologies.
- You have at least basic programming skills (e.g., in Python).

### What do we offer for you?

- A contract with 40-80h per month. The salary is 12.36€ per hour (depending on the university degree). The contract can last between 2 and 6 months (option for extension).
- Flexible working hours, also working at home possible.
- A variety of tasks so that you can learn a lot. Also state-of-the-art research can be performed and will be published together with the student.
- If the student likes the work, it can be extended in the form of a Bachelor/Master thesis.

Starting date: As soon as possible. Also later applications (in some months) are welcome.

Please send your questions and application  
(with a short CV and a transcript of records) to:  
**Tarek Saier & Michael Färber**  
**{tarek.saier,michael.farber}@kit.edu**