Job Posting (Remote, Paid)

Media Bias Research
Student Assistant (30 - 40 hours/month)
for Deep Learning & NLP

Starting now or flexible

Are you interested in Natural Language Processing and Deep Learning? Do you want to get involved in socially relevant issues and help us fight “fake news”? Join us in developing language models, fine-tuning procedures, and other techniques to achieve high classification performance with little training data. The goal of the project is to improve social opinion building by quickly detecting biased news and classifying it into relevant categories.

We are a young, interdisciplinary team of computer scientists and social scientists and are looking for a student assistant to support a research project on the automatic classification of frames in media articles. For this purpose we have combined manual techniques with new methods from Deep Learning and Natural Language Processing. These are now to be improved, in particular we want to drastically increase the fine-tuning efficiency or in other words: we want to achieve a high classification performance with very little training data. More information: textalysis.org

Main Tasks:
- Supporting research in Deep Learning und NLP (Python)
- (Co-)Development of a Classifier on the basis of annotations about media articles

You should...
- Enjoy working on novel issues and innovative solutions
- Have experience in Deep Learning & NLP (e.g., pytorch, few-shot & transfer learning)
- Work reliably and independently
  - optional: have some knowledge in Content Analysis and MAXQDA
  - optional: have some knowledge in political, social, communication sciences and/or linguistics

After consultation, the working hours can be arranged flexibly. We can vary the focus of your work depending on your interests and knowledge.

Please send your application to Felix Hamborg (felix.hamborg@uni-konstanz.de).