

Research assistant (8 hours/week) for the project "Inclusive Explainable AI"

The research group Multimodal Behavior Processing of Jun.-Prof. Dr. Hanna Drimalla (<http://hannadrimalla.de>) of CITEC, has a research assistant position (WHF) available as soon as possible for the German Research Foundation (DFG) funded project, *Co-Constructing social signs of understanding to adapt monitoring to diversity (Inclusive XAI)*, which is a part of the TRR 318 on Constructing Explainability.

◀ The project deals with investigating differences in social signals expressed by individuals to make explainable AI (XAI) more inclusive to underrepresented groups. In this project we will perform empirical studies of participants, with social conditions or under stressful situations, in an explanation process to analyze their social signals. The results of these studies will be used to develop novel methods for adapting explanations of AI systems to individual differences in social signal expression.

Tasks

- Support in the design and implementation of empirical studies
- Literature research
- Preliminary analysis of results from the empirical studies
- Project presentation and project organization

Your profile

- Master students of computer science, psychology or related fields
- Interest in the topic of the project and interdisciplinary work
- Experience in conducting empirical studies
- Very good knowledge of German and English (min. C1)
- Cooperative, committed, independent way of working

What we offer

- Insights into innovative and interdisciplinary research in socially relevant topics
- Direct feedback and clear tasks
- High degree of independent and autonomous work
- Collegial cooperation in an interdisciplinary team

◀ Minimum contract duration is six months, with an option to renew the contract afterwards for the duration of the project (up until 30.06.2025). The start date is as soon as possible. Please submit your application to **David Johnson** (djohnson@techfak.uni-bielefeld.de) by April 17th, 2023. Include in your application a short cover letter, CV, and transcript of records as one PDF document.