Research assistant position for computer science students in the research project "Empathic Artificial Intelligence" at CITEC

At CITEC, in the research group Multimodal Behavior Processing of Jun.-Prof. Dr. Hanna Drimalla (https://www.uni-bielefeld.de/(en)/technische-fakultaet/arbeitsgruppen/Multimodal_Behavior_Processing/) a research assistant position (WHF) for 9 hours/week is available as soon as possible, limited for the project duration, within the framework of the research project EKI funded by the BMBF (duration until December 2024).

The project deals with Empathic Artificial Intelligence with a focus on machine learning as well as speech and image processing. Three aspects are in focus: the recognition of positive and negative affect, the measurement of stress and the analysis of social interaction patterns.

Tasks
- Application of different machine learning methods for the analysis and recognition of different psychological phenomena (stress, affect and interaction)
- Further development of web-based tools for stress and interaction measurement
- Support in the implementation of studies

Your profile
- Master students in computer science or related discipline (Data Science, Cognitive Science etc.)
- Interest in the topic of the project and interdisciplinary work
- Programming skills in Python and/or in React
- Very good English skills (min. C1)
- Cooperative, committed, self-reliant 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

Interested?

Please send your application documents (short cover letter and CV in one PDF document) by 15.02.2021 to: drimalla@techfak.uni-bielefeld.de.