Student Assistant Position: Research student on Natural Language Processing, Crossmodal Learning

Language Technology Group at the Department of Informatics, UHH, is looking for several motivated student assistants with a strong interest in natural language processing, especially crossmodal learning. Crossmodal learning is one of the new and hot research topics recently, which investigate align and synchronize information from multiple modalities supporting various downstream tasks like Text-Image Retrieval, VQA, Visual Entailment, etc. Tasks will involve various research topics like crossmodal embeddings, text-image retrieval, complex word detection, word disambiguation, eye-tracking and data analysis, in the way of crossmodal learning. For all of these tasks, you will work with Dr. Özge Alaçam, Xintong Wang, a Ph. D. student, and other student assistants, master thesis students, under the overall supervision of Prof. Chris Biemann.

The position is to be filled for a maximum of 43 hours per month, and for 6-9 months (extension possible in agreement). In addition to the remuneration set for student assistants, we offer you a nice working atmosphere in a small, young and dynamic team, flexible working hours and insight into our current research activities with possible participation in publication activities. A starting date could be January 2021 with a certain flexibility.

What is needed
Fluency with Python programming language is a must. Deep learning framework experiences like PyTorch or TensorFlow is welcome but not required. Besides the strong interest in crossmodal learning, basic knowledge of deep learning, natural language processing is required. Please send a short cover letter and overview of any relevant experience to alacam@informatik.uni-hamburg.de and xwang@informatik.uni-hamburg.de at the same time. Applications should be sent by email by 16th of November 2020. Applications after the due may still be available if our positions are not filled. However, as we have a headcount limit for student assistants, we strongly recommend you apply as soon as possible.

Other skills:
• Professional
• Reliable and committed
• Accurate and with attention to detail
• Good visualisation skills