

The **Department of Mathematics and Informatics**, research group Dr. Charles Welch, is currently accepting applications for a

Research Assistant (Doctoral Researcher)

The position is offered for a period of **3 years**, if no former times of qualification must be considered. The **starting date is as soon as possible**. The position is **full time** with salary and benefits commensurate with a public service position in the state Hesse, Germany (TV-H E 13, 100 %).

Responsibilities include scientific research and outreach. Your work will broadly cover customizable language generation and models of perception. This may include techniques for modeling style and explicit stylistic attributes, differences in language use across demographic groups, models of perception for subjective classification tasks (e.g. sarcasm, toxicity, morality, humor), and how solutions to these problems can be leveraged for creating more sustainable and higher performing models in natural language processing research.

Within the scope of the assigned tasks, the opportunity for independent scientific work is offered, which serves one's own scientific qualification. The time limit is based on Section 2 Paragraph 1 Clause 1 Wiss-ZeitVG.

The successful applicant will have a university degree in Computer Science (Diploma, Master or equivalent), a specialization in Natural Language Processing is preferred. Prior experience with online discussion analysis, neural network architectures, and natural language processing is expected, and experience with computational sociolinguistic research and strong programming skills are desirable. Candidates should be enthusiastic, self-motivated, reliable, creative, and able to pursue research projects both independently and in collaborations. Excellent communication skills in written and spoken English are required, including article writing in international scientific journals. Willingness to pursue your own scientific qualification in the field of natural language processing is expected. We offer collaboration with a diverse team, including members of Dr. Welch's group as well as members of the newly formed group of Prof. Flek, in a stimulating international scientific environment at one of the oldest universities in Germany, with the highest proportion of international students in Hesse.

Philipps-Universität Marburg supports young scientists in their career development, e.g. through positions offered by the Marburg Research Academy (MARA), the International Office and places for higher education pedagogy and personnel development.

We promote opportunities for women, expressly requesting applications from women. In areas where women are underrepresented, we will favor female applicants if their application carries equal merit compared to the applications of their male peers. Our university furthermore aims to be family-friendly, which means we welcome applicants with children. Filling this position on a part-time basis (see § 9 (2) sentence 1 of the Hessian Equal Rights Act -(HGIG)) or reduced working hours are possible in principle. Applicants with disabilities within the context of the German Social Security Code IX (SGB) (§ 2 (2), (3)) will be favored if their application carries equal merit compared to applications from candidates without disabilities. Application and processing costs will not be refunded.

Please send your application mentioning registration number fb12-0011-wmz-2022 as a single PDF file to the Department of Mathematics and Informatics, welchc@uni-marburg.de, before 15.06.2022.