

Student Assistant (m/f/d) for Project LMBayes

The Leibniz-Centre General Linguistics (ZAS, www.leibniz-zas.de) is seeking a student assistant (m/f/d) for the project „Linguistic Meaning and Bayesian Modelling“ (LMBayes) with an earliest starting date of 01.09.2024 (40 h/month).

Your Responsibilities

- Assisting in the design of experiments
- Data preparation and programming tasks
- General support duties (e.g., workshop facilitation)

Your Profile

- Enrollment in a program at a university in Berlin/Brandenburg, preferably with a focus on linguistics, computational linguistics, experimental psycholinguistics, or a related field
- Interest in developing expertise in the field of experimental pragmatics and statistical data analysis.

Advantageous

- Proficiency in programming and statistics (Python, R)
- Experience in developing online surveys

If you are interested, please, send us an email with your application documents in a PDF by **June 28, 2024** to Dr. Anton Benz (benz@leibniz-zas.de). Applications submitted after June 28 may be considered as long as the position has not yet been filled. Students without a Bachelor's degree should include their school leaving certificate (Abiturzeugnis).

Feedback can only be sent to selected candidates.

Further Information on the LMBayes Project

The project addresses the mathematical modelling of logical conclusions and inferences as an essential part of our use of language. Human communication processes cannot be modelled by pure logic alone; probability calculations and world knowledge have to be added. The integration of such probability calculations is currently being driven by Bayesian models that are combined with traditional logic. However, the use of Bayesian methods for modelling human communication in all its diversity and complexity poses difficult mathematical challenges to the field, which the project aims to address in a collaboration of linguistics, mathematics and computer science, thus advancing the field as a whole.

Institute: Leibniz-Centre General Linguistics (ZAS)

Cooperating partners: Weierstraß-Institut für Angewandte Analysis und Stochastik, Leibniz-Institut im Forschungsverbund Berlin (WIAS); Eberhard Karls Universität Tübingen

The ZAS is certified for ensuring family-friendly working conditions by the audit "berufundfamilie" (workandfamily). The ZAS strives to strengthen gender balance and diversity of staff in all working areas and at all scientific levels. Members of groups traditionally underrepresented in German academic positions as well as in science support positions are particularly encouraged to apply.