

Institution	Faculty of Mathematics, Informatics and Statistics
Full-time / Part-time	Part-time (6-12 hours per week, hybrid)
Start date	As soon as possible)
Application deadline	2025-08-30

About us:

We are the Social Data Science and AI (SODA) Lab at the Department of Statistics of Ludwig Maximilian University of Munich. We work on the social aspects and implications of artificial intelligence, machine learning and data science.

We are looking for you:

Student Research Assistant focusing on developing the R Package “RAINER: R Assistant IN Error Resolution” (m/f/x)

in Munich/hybrid

Your tasks and responsibilities:

- Working on the conceptual and technical development of “RAINER: The R Assistant IN Error Resolution” <https://soda-lmu.github.io/rainer/>
- Maintaining our RAINER prototype and further expanding its features
- Assisting with research & evaluation concerning RAINER (including conceptualizing, data collection, data processing, data analysis and scientific publications)
- Presenting RAINER, for example at workshops or in classes
- Keeping track within the project and organizing project meetings

Your qualifications:

- Enrollment at a German university with study major in statistics, data science, computer science, computational social science, or a related discipline.
- Proficiency in written and spoken English. Additionally, proficiency in German desirable (but not necessary) as RAINER is offered bi-lingually.
- Proficiency in R with some experience in terms of package development and more complex functions.
- Experience with APIs and with leveraging LLMs is a plus.
- Interest in developing educational, user-centered solutions and in their evaluation.

- Self-motivated, self-organized, and reliable working style.
- Readiness for regular meetings, their organization, and raising open questions.

We highly value the willingness and drive to learn new skills. Hence, we encourage you to apply even if not all the technical skills criteria are met entirely.

Benefits:

Joining our team, you will be working on an exciting open-source package designed to helping students learning R. This includes the opportunity to work with plenty of autonomy in a supportive group of experienced researchers. The role will grow your technical portfolio (including opportunities of credit on the package and related publications) and give you hands-on project-organization experience. Remote work is possible.

Applications from suitably qualified female candidates are particularly encouraged.

People with disabilities who are equally as qualified as other applicants will receive preferential treatment.

Contact:

Interested applicants should submit their applications by e-mail to Markus Herklotz (m.herklotz@lmu.de) with the subject "Application: Hiwi SODA RAINER". Applications shall be compiled into one PDF document and include a recent CV and transcripts of records. Questions might be addressed via the above-indicated e-mail address.