

Searching for student assistant to support the development of a python package

The competence centre for clinical trials Bremen (KKSB) at the University of Bremen is searching a motivated student assistant to support the package development for a novel class of *PyTorch*-compatible models. The offer is for a temporary, part-time (up to 74 hours/month) position starting at the earliest possible date and limited to 6 months.

We previously developed the class of “LiD-GLM” models in a recent paper in the Lifespan AI project with the goal of creating expressive, yet well-interpretable models for tabular data. The package is already modular, functional and pip-installable from source. However, to prepare the package for publishing and enable usage by non-experts, we need your support to:

- Refactor and restructure the codebase for improved usability and future feature updates
- Improve and update existing documentation to enable usage by non-experts (e.g. in clinical research)
- Develop a comprehensive testing suite
- Improve the general user experience

This is a chance to get hands-on experience on software development for a tool that will be published open source.

To apply, you should:

- Have solid experience with python (ideally also *PyTorch*)
- Be familiar with software development (e.g. version control, code structuring, testing)
- Possess a structured, detail oriented approach with good communication

What we offer:

- Flexible working hours that can be well coordinated with your studies
- The opportunity to contribute to a published, open source package which may lead to future publications
- Close mentorship during the development process

To apply, please send your application together with an informal CV containing relevant experience to tsplittg@uni-bremen.de.