



Scientific
Software
Center



UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386

The Scientific Software Center (SSC) at the Interdisciplinary Center for Scientific Computing aims to improve sustainability of research software and professionalization of its development at Heidelberg University. The SSC develops software solutions for this purpose, advises researchers and promotes the recognition of Research Software Engineers in the scientific community. To support the Bio-Structure Hub we are looking for a

Research Assistant / HiWi (m/w/d)

Your tasks:

- Development and maintenance of scientific software for the Bio-Structure Hub¹ by the Scientific Software Center, in close collaboration with an SSC developer and our collaboration partners
- Writing and automating tests for research software
- Writing documentation for research software tools

Your profile:

- Enrolled student of Heidelberg University
- Knowledge of at least one programming language relevant to the scientific community, e.g. Python
- Basic knowledge of or eager to learn about structure prediction methods like AlphaFold
- Basic knowledge of good software development practice e.g. version control, documentation, CI/CD etc.
- Independent, structured way of working
- Ability to work in teams and communicate progress
- Good knowledge of English

We offer:

- Involvement in cutting-edge research projects in an international environment
- Opportunity to extend your software development skills
- Contribution to Open Source projects
- Flexible working hours
- Payment up to 520 Euros a month.

The position is available to start immediately and limited until 31.12.26, with option for extension. The developers of the Scientific Software Center are happy to provide you with further information and look forward to your application via ssc-biostructurehub@uni-heidelberg.de.

¹ <https://ssciwr.github.io/BioStructureHub/>