

11.05.2022

Student Assistant (m/f/d) for assistance with the development of the SketchMapTool

We at HeiGIT are currently looking for a student assistant to support our team in the further development of the SketchMapTool¹. The tool is designed to support the collection of spatial data for disaster risk reduction, providing important information for local stakeholders, NGOs and decision makers. So if you would like to contribute to a better and more prepared society you are just right here - with our work we create freely accessible applications with a focus on humanitarian aid, research and non-profit.

The tasks primarily consist of writing and maintaining Python code. As we are developing a web application, you will also write HTML, CSS and JavaScript with the aim of implementing new features or maintaining and improving existing features.

The language will mostly be English, in exceptional cases German.

Expertise (required)

- Python (incl. experience with OOP)
- Version control (git)
- Software testing

Expertise (beneficial but not required):

- Flask/Django
- Web-Development (experience in HTML, CSS and JavaScript)
- QGIS
- Docker

Benefits:

- Flexible time management and working hours
- Insights into working with GIS applications
- University-related work for a charitable purpose
- Acquiring skills in software- and web development

Please contact *Carolin Klonner* (c.klonner@uni-heidelberg.de) or *Maximilian Hartmann* (max_hartmann@stud.uni-heidelberg.de). We are looking forward to your application.

We are happy to answer any further questions you may have.

¹ <https://www.geog.uni-heidelberg.de/gis/sketchmaptool.html>