TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the Faculty of Environmental Sciences, Department of Geosciences, the Chair of Geoinformatics, subject to the availability of resources, is seeking to employ two students as Student Assistants (m/f/x) (9hrs/week) starting as soon as possible. The position is limited until August 31, 2025 (end of project). The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG) in conjunction with the guidelines of the TdL für student assistants as of February 28, 2024.

The project KOMET aims to support the professionalisation of the metadata processes of independent, scholar-led OA journals and thus increase their visibility in the scientific system and their importance as a publication venue. As part of the TU Dresden team, we are developing software that allows geographical metadata on scientific articles to be recorded, curated and published in open databases, e.g., Wikidata. We are also developing a search platform for scientific publications based on geospatial data, i.e. locations and time periods that are considered in a publication, with connections to journals and preprint servers based on Open Journal Systems and Janeway. We are looking for committed and interested young developers who would like to join an experienced team of software developers and scientists to collaboratively develop and enhance the next generation of systems for scientific work and expand their knowledge in the field of scientific software development.

Tasks: academic support, esp. software development in the research project KOMET.

Prerequisites:
- Enrolled student at a university
- Good written and spoken English skills
- Interest in scientific software development
- Independent way of working
- In the best case, the following technical skills are (partially) provided:
  - Experience in agile software development with Python or another object-oriented programming language (e.g., Java, R, PHP)
  - Experience in geographic information systems (GIS) and the processing of geodata
  - Experience with GitHub/GitLab
  - Experience with Linux and Docker

We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.
Please submit your detailed application with the usual documents and a listing of your previous research experiences and software development projects (e.g., as link to GitHub/GitLab) by **August 30, 2024** (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies), preferably via the TUD SecureMail Portal [https://securemail.tu-dresden.de](https://securemail.tu-dresden.de) by sending it as a single PDF file to daniel.nuest@tu-dresden.de or to: TU Dresden, Fakultät Umweltwissenschaften, Fachrichtung Geowissenschaften, Professur für Geoinformatik, z. Hd. Herrn Dr. Daniel Nüst, Helmholtzstr. 10, 01069 Dresden, Germany. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

**Reference to data protection:** Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: [https://tu-dresden.de/karriere/datenschutzhinweis](https://tu-dresden.de/karriere/datenschutzhinweis).