

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** is seeking to employ one student as

**Student Assistant / Research Assistant (m/f/x) (8hrs/week)**

starting **as soon as possible**. The position is limited to 12 months. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG) as well as the Higher Education Act in the Free State of Saxony - SächsHSG) in conjunction with the TdL guidelines (collective bargaining association for the German federal states) for Student Assistants and Research Assistants dated February 28, 2024.

The [CHECK-PUB](#) project is developing a prototype for the innovative integration of CODECHECK into Open Journal Systems in the context of the Open Science initiative CODECHECK. [Open Journal Systems](#) (OJS) is the world's most widely used platform for publishing scientific journals. [CODECHECK](#) provides an approach to effectively check the reproducibility of computer-based analyses as part of the publication process. We are looking for a committed and interested student studying for a Bachelor's or Master's degree. The candidate should be interested in working in an experienced team of software developers and scientists and in dialogue with various stakeholders to further develop methods and tools for scholarly communication in an explorative manner, and to expand knowledge in the field of scientific software development.

**Tasks:** research assistance, in particular software development in the project CHECK-PUB.

**Requirements:**

- enrolled student at a university
- good written and spoken English skills
- interest in scientific software development
- independent way of working
- in the best case, these technical skills are provided or there is an interest in acquiring:
  - software development with PHP (required)
  - web development (HTML, CSS, JavaScript)
  - UX design (user-centered design, participatory design)
  - collaborative software development with GitHub

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 **June 16, 2025** (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> by sending it as a single PDF file to [daniel.nuest@tu-dresden.de](mailto:daniel.nuest@tu-dresden.de) or to: **TU Dresden, Professur für Geoinformatik, 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.

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**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>.