

Student Research Assistant / Working Student in Artificial Intelligence and Data Science

Job ID: 2025-14-SB-WHKWS

About us

The Institute for Applied Construction Research (IAB) Weimar is one of the leading industry-oriented research institutes in Thuringia. For over 30 years, we have been developing innovative devices, processes, and materials for the construction sector in collaboration with partners from industry and academia. More than 120 employees work with us on practical solutions that shape the construction world of tomorrow. We are a key player in the construction research hub in Weimar.

To support our team in the field of Artificial Intelligence and Data Science, we are looking for a motivated working student with an interest in data analysis, machine learning, and applied research to join us as soon as possible.

Your tasks

- Collecting and preparing data from various sources (web, APIs, open datasets)
- Structuring and annotating datasets (text, images, tables)
- Cleaning, formatting, and analyzing data (e.g., with Python or Excel)
- Assisting in small machine learning projects: developing and testing models
- Supporting research projects in AI, data analysis, and process optimization
- Preparing results and sharing them in reports or presentations

Your profile / qualifications

- Enrolled student in a computer science or data-oriented degree program (e.g., Data Science, Computer Science, Informatics, or similar; Bachelor's or Master's)
- Basic knowledge of Python and data analysis (e.g., pandas, NumPy, scikit-learn)
- Interest in hands-on work with data and AI applications
- Structured and careful working style, team-oriented, and eager to learn
- Excellent German skills (native speaker or minimum B2) and good English skills (minimum B1), both written and spoken

Our benefits

- Participation in current research projects in data analysis, AI, and process engineering
- Hands-on experience in data collection, labeling, and development of simple ML models
- Flexible working hours (max. 20 hours/week) – compatible with your studies
- An open, international team and collaborative environment
- Opportunities for professional development in Data Science and AI
- Good prospects for a smooth transition into your professional career after graduation

Contact person

Dr.-Ing. Justus Lipowsky
Head of research department
Process technology
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Start of employment

at the earliest possible date

Duration of employment

permanent

Job Location

Weimar Institute of Applied
Construction Research, 99428,
Weimar, Thuringia

Working hours

max. 20 hours per week

Fields of expertise

Computer Science / Data Science /
Informatics

Date posted

27. November 2025

Ihre Bewerbung schicken Sie an:

If so, please send your application documents (cover letter, CV, current enrollment certificate, and relevant transcripts) citing Job ID 2025-14-PTKID-WHKWS by email to: karriere@iab-weimar.de

We look forward to receiving your application and meeting you in person!