



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Student assistant (40 hours per month)

Fakultät VI: Planen Bauen Umwelt - Systemtechnik bauliche Anlagen - Reincarnate

Reference number: VI-SB-0027-2025 (starting at the earliest possible / until 31.05.2026 / closing date for applications 24/06/25)

Working field:

Context:

Participation in the EU-funded project Reincarnate, which aims to develop digital solutions to promote circular planning and reduce waste in the construction industry. You will support the research activities of this large-scale EU-funded project conducted by TU Berlin.

Tasks:

We particularly expect the candidate to support the development of models for predicting the lifespan of different construction elements/products and for assessing the condition of building materials. The work will be integrated into case studies across Europe.

Analyzing measurement data on construction components (50%)

Training statistical models for lifespan prediction (25%)

Documenting results in open data repositories and reports (25%)

Requirements:

Must:

- Excellent English skills in writing and speaking
- Software development skills
- Knowledge of probabilistic life cycle assessment methods, fault tree analysis, and Markov chains

Can:

- Software development skills in the areas of Building Information Modeling and Digital Twins
- Knowledge in data analysis and ideally in the field of machine learning

Party responsible for specialist area / point of contact for job posting: -

Period of employment: immediately until 31.05.2026

Apply to: timo.hartmann@tu-berlin.de

Please submit your written application including cover letter, your CV, certificate of enrollment, and where applicable, current transcript of records, with the reference number to the place of employment indicated above.

In the interest of promoting equality opportunities for men and women, applications from women with suitable qualifications are particularly encouraged.

The vacancy is also available on the internet at
<https://www.personalabteilung.tu-berlin.de/menue/jobs/>

