Technische Universität Berlin

Student assistant (80 hours per month)

Number of identical posts to be advertised: 2

Faculty IV - Electrical Engineering and Computer Science, Institut für Softwaretechnik und Theoretische Informatik
Reference number: IV-SB-0063-2025 (starting at the earliest possible / immediately until 31.12.2026 / closing date for applications 16/09/25)

Your responsibility:

Supporting activities under guidance of the project leader in the "Text2DSL" project:

- Contribute to the R&D of a Text2DSL co-pilot for enhancing domain specific code generation capabilities using Large Language Models (LLMs) (50%)
- Assist in designing and structuring datasets, fine-tuning LLM models, and defining key performance indicators for experiments (25%)

Your profile:

Must:

1. Experience in fine-tuning open-source Large Language Models (LLMs)
2. Good knowledge in the Hugging Face Transformers ecosystem
3. Enrolment at a German University
4. Willingness to perform work on the TU Berlin campus (contractual obligation)
   Can:
5. Basic understanding of Retrieval Augmented Generation (RAG) and AI Agentic approach
6. Good knowledge of German and/or English; willingness to learn any missing language skills
   In order to be considered for the selection process, please send your application, stating the reference number, along with the usual documents (in particular a letter of application, CV, certificate of enrollment, proof of achievement) by email in a single PDF file.

How to apply:

Party responsible for specialist area / point of contact for job posting: Adnan Ahmad, Frau Irene Hube-Achter
Period of employment: immediately until 31.12.2026
Apply to: bewerbung@qu.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.jobs.tu-berlin.de

Zertifikat seit 2008
audit familiengerechte
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