## *Technische Universität Berlin*

Technische Universität Berlin offers an open position:

### Research Assistant - salary grade 13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)

part-time employment may be possible

### Faculty IV - Institute of Software Engineering and Theoretical Computer Science/ Database Systems and Information

**Reference number:** IV-265/25 (starting at the earliest possible / for 5 years / closing date for applications 15/07/25)

### Working field:

- Conduct research in the areas of database systems, big data analytics, and data science
- Further the development of information management theory and algorithms, with respect to parallel and distributed processing systems suitable for complex analysis methods involving large data volumes on heterogeneous processors
- Perform teaching duties for DIMA courses, such as Informationssysteme und Datenanalyse, Database Technology and Scalable Data Science: Systems and Methods

### Requirements:

- Successfully completed university degree (Master, Diplom or equivalent) in computer science or Business Informatics
- In-depth knowledge in SQL databases and declarative query processing in the context of data mining In-depth knowledge in programming distributed and parallel databases and data analysis algorithms, as well as experience in open source projects (e.g., software development, GitHub) and associated programming and software development skills (e.g. Java, C/C++, Python)
- The ability to teach in German and/or in English is required; willingness to acquire the respective missing language skills

### Desirable:

- Project management knowledge, experience working in teams, and industrial internship experience

Please send your written application with the **reference number** and the usual documents (including your CV, copies of your academic degrees and academic transcripts, and cover letter) to Technische Universität Berlin - Die Präsidentin - **Fakultät IV, Institut für Softwaretechnik und Theoretische Informatik, FG Datenbanksysteme und Informations management (DIMA), Prof. Dr. Markl, Sekr. EN 7, Einsteinufer 17, 10587 Berlin** or by email to **prof@dima.tu-berlin.de**.

For reasons of cost, application documents sent by post will not be returned. Please submit copies only.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guarantee for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/ or quick access 214041.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

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

Zertifikat seit 2008
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