



Technische Universität Berlin



Technische Universität Berlin offers an open position:

2 positions - Research Associate (PostDoc) - salary grade 14 TV-L Berliner Hochschulen - for qualification

part-time employment may be possible

Faculty IV - The Berlin Institute for the Foundations of Learning and Data (BIFOLD)

Reference number: IV-160/25 (starting at the earliest possible / for 3 years / closing date for applications 16/05/25)

Working field:

The Database Systems and Information Management (DIMA) Group (<https://www.tu.berlin/en/dima>) in the context of BIFOLD (<https://www.bifold.berlin/>) conducts basic and applied research in data management, data systems, and data science. Currently, we are seeking to hire Research Associates (Postdoctoral Researchers) in one or more of the following areas: (1) technologies and systems for the scalable and efficient processing of massively distributed data streams, (2) scalable data analytics infrastructures that exploit the hardware-software co-design of components for data storage, search, data processing, community management, and market mechanisms, including security, pricing, and privacy, and (3) technologies and systems for responsible data management that ensures data science processes are transparent, repeatable, and traceable. Besides conducting research, associates have teaching duties, which includes mentoring Bachelor's, Master's and PhD students in addition to the coordination of interdisciplinary research projects. Teaching tasks.

Requirements:

- Successfully completed university degree (Master, Diplom or equivalent) and a doctorate (PhD) with a focus on data management, distributed systems, or scalable data analysis
- Scientific experience (as demonstrated via relevant scientific publications)
- Solid knowledge in theoretical and applied/practical computer science)
- The ability to teach in German and/or English is required; willingness to acquire the missing language skills

Desirable:

- Interest in developing innovative systems and validating research results in a real application environment.
- In-depth knowledge in database technologies
- Advanced knowledge in data science, compiler construction, and distributed systems programming
- Experience in open-source development, project management

Please send your written application with the **reference number** and the usual documents **exclusively by e-mail** to Technische Universität Berlin - Die Präsidentin - Fakultät IV, Institut für Softwaretechnik und Theoretische Informatik, DIMA, Prof. Dr. Markl, Sekr. EN 7, Einsteinufer 17, 10587 Berlin; by e-mail to jobs@dim.tu-berlin.de.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guaranty 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/.

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/>

