



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Associate (PostDoc) - salary grade E14 TV-L Berliner Hochschulen

part-time employment may be possible

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

Reference number: IV-432/23 (starting at the earliest possible / for 3 years / closing date for applications 20/05/24)

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 with tenure track) 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:

Applicants must have successfully completed university degree (Master, Diplom or equivalent) and a doctorate (PhD) with a focus on data management, distributed systems, or scalable data analysis and have scientific experience (as demonstrated via relevant scientific publications and solid knowledge in theoretical and applied/practical computer science). Applicants should also be interested in developing innovative systems and validating research results in a real application environment. Besides in-depth knowledge in database technologies, applicants will ideally also have advanced knowledge in data science, compiler construction, and distributed systems programming. Furthermore, experience in open-source development, project management. The ability to teach in German and/or in English is required; willingness to acquire the respective missing language skills.

Please send your application with the usual documents to Prof. Dr. Markl by e-mail (in a summarised pdf document, max. 5 MB) to prof@dim.tu-berlin.de, quoting the **reference number**.

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.

Technische Universität Berlin - Die Präsidentin - Fakultät IV, Institut für Softwaretechnik und Theoretische Informatik, FG Datenbanksysteme und Informationsmanagement (DIMA), Prof. Dr. Markl, Sekr. E-N 7, Einsteinufer 17, 10

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

