



Technische Universität Berlin offers an open position:

## **Research Assistant – salary grade E13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)**

part-time employment may be possible

Located in the heart of the capital, Technische Universität Berlin (TU Berlin) is one of Germany's leading universities and one of the largest technical universities with around 34,000 students. TU Berlin is a vibrant place where people work, learn, and live. Join BIFOLD at TU Berlin: We've got the brains for the future.

For the benefit of society.

BIFOLD is one of six competence centers for AI research, permanently funded by the BMBF, forming the core of Germany's AI research ecosystem. Together, we create a network for the exchange of expertise and research results.

### **Faculty IV - The Berlin Institute for the Foundations of Learning and Data (BIFOLD) / FG Informationsintegration und Datenaufbereitung**

**Reference number:** IV-380/24 (starting at the earliest possible / for 5 years / closing date for applications 30/09/24)

#### **Working field:**

The Department of Information Integration and Data Preparation (D2IP) conducts basic and applied research in data integration, data pre-processing and data science. We are currently seeking research assistants (PhD students) in one or more of the following topics:

(1) Researching technologies and systems for detecting data errors in massive datasets. (2) Researching scalable methods for generating data preprocessing workflows. (3) Researching systems and technologies for efficiently finding datasets in large data lakes.

The position serves your own scientific qualification (doctorate) and includes teaching. This entails organizing and conducting courses, possibly tutorials and internships as well as the supervision of student work. You will also support study counseling and assist in conducting and organizing exams.

#### **Requirements:**

Applicants must have an outstanding university degree (Master, Diplom or equivalent) in Computer Science or related field of study with a focus on data management, data integration, or scalable data analysis. They should have solid theoretical and practical knowledge in computer science.

The ability to teach in German and/or in English is required; willingness to acquire the respective missing language skills

#### **Desirable:**

Ideally, applicants have in-depth knowledge of database technologies, as well as additional knowledge in machine learning, neural networks, and RAG technologies.

Please send your application, stating the **reference number**, with the usual documents (i.e. at least a cover letter, CV, degree certificates, grade transcripts and a description of the research project compiled into a single PDF document, no larger than 3 MB) exclusively by e-mail to **abedjan@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 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/](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.

Technische Universität Berlin - Die Präsidentin - Fakultät IV, Berlin Institute for the Foundations of Learning and Data – BIFOLD, Ernst-Reuter Platz 7, Sekr.: TEL 9-2, 10587 Berlin

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

