



**Technische Universität Berlin**



Technische Universität Berlin offers an open position:

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

part-time employment may be possible

**Faculty IV - Institute of of Telecommunication Systems / FG Open Distributed Systems (ODS)**

**Reference number:** IV-218/25 (starting at the earliest possible / for 5 years / closing date for applications 13/06/25)

**Working field:**

The „Open Distributed Systems“ (ODS) group conducts research on intelligent distributed/decentralized information systems in the areas of highly scalable dynamic data management (data stream processing), distributed query processing, (information) modelling, semantics, data representation and data storage, interoperability, and real-time networking. We research, develop, and apply methods for the areas of distributed systems, Semantic Web, Linked Data, databases, Internet of Things and AI.

Currently we are looking for a Ph.D. researcher in this area. A successful candidate will conduct research in one of these areas and will play an active role in teaching and supervising of students.

**Requirements:**

- Successfully completed university degree (Master, Diplom or equivalent) in computer science, applied mathematics, statistic, or similar (with outstanding honors)
- Knowledge in at least three of the following areas:
  - a) advanced distributed database systems,
  - b) stream data management,
  - c) machine learning and AI,
  - d) decision support systems,
  - e) modeling and analysis of Big Data.
  - f) Semantic Web,
  - g) Linked Data and data integration
- Very good programming skills (C/C++, Java, Python)
- The ability to teach in German and/or English is required; willingness to acquire the missing language skills

**Desirable:**

- Interest in challenging scientific problems and the motivation for independent and goal-oriented research

Please send your application with the **reference number** and the usual documents (in particular a cover letter, academic curriculum vitae, copies of qualifications and two references and letters, **only via email** in one single pdf file, max. 5 MB, to **sekretariat@ods.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/](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.

Technische Universität Berlin - Die Präsidentin - Fakultät IV, Institut für Telekommunikationssysteme, Open Distributed Systems (ODS), Prof. Dr. Hauswirth, Sekr. HFT 3, Einsteinufer 25, 10587 Berlin

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

