



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen

part-time employment may be possible

Faculty IV - Institute of Telecommunication Systems / Service-centric Networking

Reference number: IV-546/24 (starting at 01/01/25 / until 31/12/25 / closing date for applications 08/11/24)

Working field:

- Collaboration in a research project focussing on process automation in Industry 4.0, where the project partner's existing technologies are of the project partner are being prepared and adapted for future applications. The work and research is based on a process management Process management software that uses BPMN-based models to control and monitor tasks for devices and workers
- Analysing existing processes and protocols; developing and evaluating new concepts, data structures and vocabularies for end-to-end networking from product development to production
- Supervision of student workers and student theses within the research project
- Possibility of a doctorate (desirable)

Further information on the chair: <https://www.tu.berlin/snet>

Requirements:

- Successfully completed scientific university degree (diploma, master's degree or equivalent) in computer science, industrial engineering, technical computer science or business informatics (or similar studies)
- Very good programming skills in at least the JavaScript programming language
- Knowledge and experience with distributed systems, middleware technologies, communication protocols
- Good skills in abstraction, modelling and creative solution finding
- Good knowledge of German and/or English required; willingness to acquire the respective missing language skills

Desirable:

- Experience with product planning, creation and production processes in industry
- Knowledge of industry communication standards/protocols
- Knowledge of semantic web and vocabularies
- Experience in process automation based on BPMN

Please send your written application with the **reference number** and the usual documents (curriculum vitae and certificates) only by email to info@snet.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/ 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, FG Service-centric Networking, Prof. Dr. Küpper, Sekr. TEL 19, Ernst-Reuter-Platz 7, 10587 Berlin

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

