



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
under the reserve that funds are granted

Faculty V - Institute of Machine Tools and Factory Management / Industrial Information Technology

Reference number: V-634/24 (starting at 01/02/25 / limited until 29/02/2028 / closing date for applications 27/12/24)

Working field:

You are located at the TU Berlin, chair of Industrial Information Technology and will be involved within the interdisciplinary MBSE (Model Based Systems Engineering) team as well as the adjacent Digital Twin. You represent the technical interests of the chair of Industrial Information Technology within a national research project. This includes the development of software interfaces for an advanced simulation data management as well as the basic research on MBSE as basis for Digital Twins. You will be integrated into the MBSE roadmap team.

The holder of the position represents his or her topics at representative national and international conferences, fairs and workshops through scientific presentations and demonstrations. He or she guides student workers.

An opportunity for doctoral studies is given.

Requirements:

- successfully completed scientific university studies (Diplom, Master or equivalent) in mechanical engineering, computer science in engineering (ITM) or physical engineering (PI)
- knowhow in the field MBSE and systems engineering
- first knowhow in behavior simulation (Matlab)
- first knowhow in object-oriented programming (C, J, Python)
- good knowledge of German and/or English required; willingness to acquire the missing language skills in each case

Desirable:

- structured and professional working attitude

Please send your **digital application with the reference number** and the usual documents to Prof. Dr. Stark (rainer.stark@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.

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 V, Institut für Werkzeugmaschinen und Fabrikbetrieb, FG Industrielle Informationstechnik, Prof. Dr. Stark, Sekr. PTZ 4, Pascalstraße 8-9, 10587 Berlin

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

