



Technische Universität Berlin



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

Faculty VI - Institute of Geodesy and Geoinformation Science / Methods of Geoinformation Science

Reference number: VI-359/23 (starting at the earliest possible / for a period of 5 years / closing date for applications 23/10/23)

Working field: Teaching courses in English (exercises, seminars, projects), as well as supervising final theses as part of the chair Methods of Geoinformation Science. Support of our research focus in the fields of semantic 3D city models, digital urban twins, applications of artificial intelligence methods (machine learning, neural networks) to 2D/3D geospatial data and 3D point clouds with the possibility of doctoral studies.

Organization of courses, semester and exam scheduling.

Requirements:

- Successfully completed university degree (Diplom, Master or equivalent) in geodesy/geoinformatics, computer science or a related field
- Profound knowledge of modeling 2D/3D geodata, especially 3D city models
- Fundamental understanding of algorithmic geospatial data processing, methods of machine learning and neural networks, and experience in processing 3D point clouds
- Adept use of object-oriented programming languages, preferably Python
- Sound mathematical fundamentals (linear algebra, scientific computing)
- Very good German and English language skills, both written and spoken
- Experience in teaching courses in English is desirable
- Project or research experience is desirable
- Motivation, flexibility, initiative, teamwork and communication skills, interdisciplinary cooperation and interest in scientific work are expected

Please send your application with the **reference number** and the usual documents **only by email** (single pdf file, max. 5 MB) to Prof. Dr. Kada to martin.kada@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.

Technische Universität Berlin - Die Präsidentin - Fakultät VI, Institut für Geodäsie und Geoinformationstechnik, FG Methodik der Geoinformationstechnik, Prof. Dr. Martin Kada, Sekr. H 12, Straße des 17. Juni 135, 10623 Berlin

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

