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

The department "Big Data Engineering" (DAMS Lab), headed by Prof. Dr.-Ing. Matthias Böhm, conducts teaching and system-oriented research in the area of data management for the end-to-end data science lifecycle from data integration, cleaning, and preparation, over efficient and scalable model training, to model debugging and deployment.

Faculty IV - Institute of Software Engineering and Theoretical Computer Science / Big Data Engineering
Reference number: IV-806/22 (starting at the earliest possible / for 5 years / closing date for applications 09/12/22)

Working field: The DAMS Lab research group is looking for a research associate (d/m/w) with teaching obligation to join the team with a special focus on data-centric machine learning pipelines as well as algorithms and system infrastructure for their scalable execution in distributed environments. Topics of interest include:

- Data integration, validation, cleaning, and preparation
- Feature engineering, fusion, and alignment of multi-modal data
- Data augmentation and distillation
- Data and model debugging
- Model fairness and robustness

Requirements:

- Successfully completed academic university degree (master's degree, diploma or equivalent) in Computer Science or a related field of study. We are also open to domain-specific backgrounds if there is a willingness to close any gaps in the necessary CS background.
- Background in the areas of data management, applied machine learning, distributed systems, and software engineering
- Programming experience in Python and Java (mandatory) as well as C/C++ (advantage)
- Excellent written and oral English language skills; the ability to teach in German as well as in English is required
- Ability to communicate and work in a team, independent working style, high motivation
- Basic experience in research methods and scientific writing
- Experience in teaching and didactic competence is an advantage

Please send your application with the **reference number** and the usual documents (one file max. 5 MB) **only via email to jobs@dams.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/ 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.

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

Zertifikat seit 2008
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