Technische Universität Berlin

Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen
under the reserve that funds are granted - part-time employment may be possible

The Berlin Institute for the Foundations of Learning and Data (BIFOLD) of the TU Berlin (Prof. Dr. Klaus-Robert Müller) is looking for a research assistant for an agility sub-project (AP) of the BZML, headed by Dr. Grégoire Montavon.

Faculty IV - Institute of Software Engineering and Theoretical Computer Science / Maschine Learning
Reference number: IV-5/21 (starting at the earliest possible / until 31/12/22 / closing date for applications 29/01/21)

Working field: Research in the field of machine learning; development of methods for representation learning and domain adaptation, based on the Wasserstein distance (optimal transport). Development of Explainable AI techniques to understand the models and their training. Applications in the medical domain.

Requirements:
- Successfully completed university degree (Master, Diplom or equivalent) in Computer Science, Physics, Engineering or Applied Mathematics
- Profound knowledge in machine learning, in particular optimal transport, representation learning, neural networks, explainable AI
- Solid programming skills, in particular experience with deep learning frameworks (PyTorch, TensorFlow etc.)
- Existing publications relevant to the field is a plus
- Experience with big data and training of ML models on GPUs is a plus
- Interdisciplinary and collaborative project experience is a plus
- Very good knowledge of written and spoken English required, knowledge of German desirable or willingness to learn it

Please send your application with the **reference number** and the usual documents (combined in a single pdf file, max. 5 MB) **by email to Dr. Grégoire Montavon at office@bzml.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.

Technische Universität Berlin - Der Präsident - Fakultät IV, Institut für Softwaretechnik und Theoretische Informatik, FG Maschinelles Lernen, Dr. Montavon, Sekr. MAR 4-1, Marchstr. 23, 10587 Berlin

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

Zertifikat seit 2008
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