



UNIVERSITÄT LEIPZIG

At Leipzig University, the Faculty of Mathematics and Computer Science in cooperation with ScaDS.AI, seeks to fill the following professorship at the earliest opportunity

Professorship for Advanced Machine Learning

Depending on the applicant's qualifications, the position will be filled as a W2 or W3 professorship.

Scientific environment

ScaDS.AI (Center for Scalable Data Analytics and Artificial Intelligence) Dresden/Leipzig is one of the permanently established national centers for AI (Artificial Intelligence) at Leipzig University and the TU Dresden funded by the federal government and the Free State of Saxony. The Leipzig part will be established as a central institution of Leipzig University and will bring together more than 200 employees in the medium term. The ScaDS.AI research on AI and data science and their applications is carried out in a graduate school. The professorship offers an excellent working environment with access to state-of-the-art technologies and an outstanding high-performance computing infrastructure for AI.

Requirements

The faculty and ScaDS.AI are looking for an internationally recognized scientist in the field of Machine Learning (ML). Of particular interest is proven research expertise in a subset of the following topics:

- Generative AI methods
- Distributed or federated learning methods
- Reinforcement learning
- Neurosymbolic learning methods for combining knowledge management and machine learning
- ML for language understanding
- Fair and explainable AI.

It is assumed that the future post holder has a proven track record of high-class international publications on machine learning and successful acquisition of third-party research funding. A high willingness to work in ScaDS.AI and interdisciplinary cooperation, especially with application partners from different disciplines, is expected. In addition, the candidate must have teaching experience in computer science and data science.

Successful application for a W3 professorship requires above and beyond this great success in acquiring third-party funding, international embedding in a research environment and far-reaching interdisciplinary cooperation as well as extensive teaching experience in computer science and data science.

Tasks

The professorship to be filled should work on current research topics in machine learning and represent these in research and teaching. The holder of the position should participate in ScaDS.AI and contribute to its further profiling and research excellence. The tasks of the professorship include teaching in the degree programs of the Institute of Computer Science, in particular in the Master's program in Data Science. The languages of instruction are English and German (basic courses). Other tasks include leadership and management of employees, promotion of young scientists, women and social diversity, knowledge and technology transfer, initiatives for internationalization, gender and diversity-competent and sustainability-oriented action, as well as committee and commission work.

The rights and obligations of the position holder are based on the Saxon Higher Education Act (SächsHSG) and the Saxon Service Regulations for Higher Education Institutions (HSDAVO). Applicants must fulfill the appointment requirements according to § 59 SächsHSG.

Leipzig University gives great importance to the professional equality of women and men. Severely disabled persons are encouraged to apply and will be given preferential consideration if equally qualified.

Please apply until June 28th, 2024 exclusively via Leipzig University's appointment portal:
www.uni-leipzig.de/stellen

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