Technische Universität Dresden - Department for Scalable Data Analytics and Artificial Intelligence (ScaDS.AI Dresden)

Technische Universität Dresden

As part of the German government's artificial intelligence (AI) strategy, the successful Saxon competence center ScaDS.AI Dresden/Leipzig (Center for Scalable Data Analytics and Artificial Intelligence) is being expanded into a leading German AI competence center for Big Data and Artificial Intelligence (AI). For TUD Dresden University of Technology, diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

Research Associate / PhD Student / PostDoc (m/f/x)

(subject to personal qualification, employees are remunerated according to salary group E 13 TV-L) At the Center for Interdisciplinary Digital Sciences (CIDS), the Department for Scalable Data Analytics and Artificial Intelligence (ScaDS.AI Dresden) offers two full-time positions as Research Associate / PhD Student / PostDoc (m/f/x) starting November 1, 2026. The positions are limited to two years, with the option of extension. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). A shorter contract term is possible by arrangement. The positions aim at obtaining further academic qualification.

City: Dresden; Starting date (earliest): 01/11/26; Duration: two years, with the option of extension; Remuneration: subject to personal qualification, employees are remunerated according to salary group E 13 TV-L; Reference number: w26-200; Closing date: 15/09/26

Tasks

Professional assignment: Chair of Scalable Software Architectures for Data Analytics (Prof. Dr. Michael Färber)

Research areas: Natural Language Processing, Large Language Models, Knowledge Graphs, and related fields (e.g., Graph Machine Learning)

Tasks:

- scientific research in at least one of the above-mentioned research areas
- collaboration in national and international research projects, possibly with an industrial collaboration
- participation in teaching (e. g., seminars; no basic lectures)
- presentation and publication of research results in top-tier conferences/journals
- co-supervision of Bachelor’s/Master’s students in small projects or theses
- assist with proposal writing for research funding, if applicable

Requirements

- university degree in Computer Science, Artificial Intelligence, Data Science,

Mathematics, Advanced Information Science and Engineering, or a related field
- prior research experience (publications, theses, projects) in the above-mentioned research areas is a strong plus
- strong interest in foundational research in the above-mentioned research areas
- excellent programming skills (experience with deep learning frameworks preferred)
- good written and spoken English skills
- highly motivated and able to work independently and in teams

What we offer

The position comes with access to high-performance computing resources and access to training opportunities within ScaDS.AI.

Application

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The university is a family-friendly university. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Application: Please submit your detailed application with the usual documents (e.g., cover letter, CV, and other supporting documents), quoting the job reference “ScaDS.AI Färber E 13” by September 15, 2026 (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies), preferably via the TUD SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf file to jobs-scads.ai@tu-dresden.de or to:

TU Dresden,
ScaDS.AI,
Prof. Dr. Michael Färber,
Helmholtzstr. 10,
01069 Dresden, Germany.

Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

TUD is a founding partner in the DRESDEN-concept alliance.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website:
https://tu-dresden.de/karriere/datenschutzhinweis.

More information at https://stellenticket.de/206623/BEUTH/
Offer visible until 15/09/26