

With more than 6,200 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future: The cooperation between engineering and natural sciences as well as social and cultural studies promotes both technological innovations and progress in knowledge and methodology. And it is not only the more than 33,500 students who benefit from that. TU Dortmund University has a position available at the Department of Computer Science, Chair for Databases and Information Systems

research assistant (PhD student)

limited until 31.12.2018. Salary will be paid, in agreement with the lawful regulations of tariffs, according to salary group E13 TV-L resp. according to the provisional regulations of the TVÜ-L, if applicable. The position is a full time appointment; it is in principle suitable for part-time employment too. The possibility to pursue further scientific qualifications is offered.

Job Description

We are looking for active, motivated, and talented researchers to join our group. Candidates are expected to hold a Master's degree in Computer Science, be interested systems-level work, and like to contribute to research and education as done by the group. Experience (at least strong interest) in one of the above research topics is a plus.

We expect you to be solid in the English language. German language skills are not a requirement.

Research and Education

As the Database and Information Systems Group, we work on database technology for modern computing hardware. In particular, we investigate

- database algorithms optimized for cache and main memory efficiency,
- how parallelism and distribution (e.g., in cloud-based systems) can be leveraged for database tasks, and
- the use of non-standard architectures (GPUs, FPGAs, ...) in a database context.

We build systems to demonstrate our results in realistic settings. The group enjoys international visibility in the field

The Databases and Information Systems Group is part of the Collaborative Research Center SFB 876 at TU Dortmund.

We are also engaged in teaching database topics with TU Dortmund. Whenever possible, we combine teaching with our own research work.

The TU Dortmund University aims at increasing the percentage of women in academic positions in the Department of Computer Science and strongly encourages women to apply. Disabled candidates with equal qualifications will be given preference.

Applications enclosing the usual material may be sent until **03.03.2016** under reference number **w7-16** to:

Please also notice our job employment Ref.-Nr. W18-16.

TU Dortmund University
Prof. Dr. Jens Teubner
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If you're interested or seeking further information, please contact:

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