tu technische universität dortmund

With more than 7,500 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 32,900 students who benefit from that.

TU Dortmund University has two positions available at the Department of Computer Science, Chair for Databases and Information Systems

research assistant (PhD student)

for the period of three years initially.
The position is a full-time appointment with a salary according to E13 of the TV-L public-employee tariff or, if applicable, by transitional law (TVÜ-L). The position is in principle suitable for part-time employees.

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 at TU Dortmund. Whenever possible, we combine teaching with our own research work.

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.
You will be working in the context of the SFB 876 research center.

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.
The TU Dortmund University is an equal opportunity employer and particularly welcomes applications from persons with disabilities.

Applications enclosing the usual document may be sent until **18.02.2015** and quoting reference no **w1-15** to:

TU Dortmund University
Prof. Dr. Jens Teubner
Department for Computer Science
Databases & Information Systems Group
Otto-Hahn-Strasse 14
44227 Dortmund
Germany

If you're interested or seeking further information, please contact:

Prof. Dr. Jens Teubner
jens.teubner@cs.tu-dortmund.de
+49 231 755-6481
http://dbis.cs.tu-dortmund.de/

Dortmund, 22.01.2015