



With more than 6,300 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 pro-motes both technological innovations and progress in knowledge and methodology. And it is not only the more than 34,500 students who benefit from that.

Research Assistant Position (PhD) in Logic and Learning w82_25

The Chair Computer Science 1 of the Department of Computer Science of TU Dortmund University invites applications for a full-time research assistant position with the possibility to pursue a PhD. The initial employment for three years can start as soon as possible. According to the public tariff regulations, the salary is based on the tariff group E13 TV-L. Working part-time is possible.

You will complement our team with research in the intersection of logic and machine learning, more precisely on learning ontologies and database queries in different learning frameworks such as supervised learning from positive and negative examples and exact learning.

The position is embedded in the group “Knowledge-Based Systems” led by Prof. Dr. Jean Christoph Jung and offers a creative, attractive and internationally renowned research environment. The group is highly connected, promotes collaboration and exchange with national and international partners, and supports travel to international conferences.

Please see <https://logic-in.cs.tu-dortmund.de/forschung/knowledge-based-systems/publikationen/> for recent publications.

Your responsibilities:

- You conduct research in the intersection of logic and learning and publish the results in international conferences and journals,
- You supervise Bachelor/Master theses
- You assist the group's administrative efforts (in organizing lectures and/or workshops and support in the application of funding)

Your requirements:

- M.Sc. Computer Science, Mathematics, or similar degree programs
- High degree of creativity, enthusiasm for research, analytic problem-solving skills
- Team-player
- Good command of English language

We explicitly note that applications of all sexes are welcome. Applications from women are favored complying with legal regulation. We also underline that applications of severely disabled persons are welcome.

Applications enclosing curriculum vitae, latest grades and degrees, a motivation letter should be sent until 18.11.2025 under reference number **w82_25** to:

TU Dortmund
Department of Computer Science
Chair Computer Science 1
Otto-Hahn-Str. 12
44227 Dortmund

For further information, please do not hesitate to contact:
Prof. Dr. Jean Christoph Jung (jean.jung@tu-dortmund.de)