With more than 6,500 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. It is not only the more than 34,300 students who benefit from that.

The Faculty for Statistics at TU Dortmund University, Germany, is looking for a

Research Assistant (m/f/d)

with a strong background in Statistics / Machine Learning, to start at the next possible date and for the duration of three years. Salary will be paid, in agreement with the lawful regulations of tariffs, according to salary group E13 TV-L. The position is a full time appointment; it is in principle suitable for part-time employment too. Duration of the contract will be based on the targeted qualification goal (e.g. Ph.D.).

Profile:
Our Interdisciplinary research project SFB 876 - C4 “Regression approaches for large-scale high-dimensional data” is involved in international research on Methodological Statistics and Machine Learning. Our aim is to develop highly efficient regression approaches to make them viable in the context of Big Data and resource constrained computational models. The open position is aimed to conduct methodological research with a main focus on:

- Bayesian Statistics
- Generalized Linear Models
- Mixture Models
- Sampling Methods

We expect:
- A university master degree in Statistics, Computer Science or related fields of study
- A high level of intrinsic motivation, autonomy and responsibility
- Interest in exchanging research ideas within the team and with international collaborators
- Scientific publications, and presentation at international conferences and workshops
- Ability to supervise and motivate students

Tasks:
Responsibilities include interdisciplinary research on various fields outlined above. Participation in the activities of the collaborative research center SFB 876 is mandatory. There is a teaching obligation of max. 4 semester hours per week.

We offer:
- Participation in international research in an inspiring, highly motivated team
- Support in developing the candidate’s specific scientific strengths and qualification
- Opportunity to obtain a Ph.D. (Dr. rer. nat.)

People of all gender are invited to send their application. Applications from women are treated preferentially in accordance with the legal regulations. Disabled candidates with equal qualifications will be given preference.

Applications enclosing the usual material may be sent until 14.09.2020 (within one month after publication) under reference number w64-20 to:

TU Dortmund University
Faculty of Statistics
Prof. Dr. Katja Ickstadt
44221 Dortmund – Germany

If you're interested or seeking further information, please visit

https://sfb876.tu-dortmund.de/SPP/sfb876-c4.html

or contact:

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+49 231 755-3210

Dortmund, 17.08.2020
Dezernat 3.2
Im Auftrag

Hinrichs