Postdoctoral Research Fellow (f/m/d)

- Focus on: Probabilistic Learning & Methods for Big Data -

Job description

The Scientific Computing Center is the Information Technology Center of KIT.

The newly established Research Group Methods for Big Data starting in August 2024 at the Scientific Computing Center welcomes applications for a postdoctoral research fellow (f/m/d)

In this project you will:

- develop novel methods that leverage the potential of statistical learning and Bayesian (Deep) Learning
- investigate of theoretical properties of the developed algorithms
- implement the developed methods
- contribute to joint research inside the group
- publish the results at leading journals, workshops and conferences

Details on the research group can be found at https://kleinlab-statml.github.io/ (https://kleinlab-statml.github.io/)

Personal qualification

Job requirements:

- Excellent university degree (master) and completed PhD in statistics mathematics, data science, computer science, or similar programs
- Expertise in at least one of the following areas: Statistical Learning, Bayesian (Deep) Learning, Uncertainty Quantification and Probabilistic Machine Learning, High-Dimensional Statistics, Distributional Regression, Causal Inference, Continual Learning, Hybrid Algorithms
- Track record and excellent publications in at least one of the main research areas above
- Strong computational, mathematical skills
- Solid programming skills in any scientific programming language, e.g. Python, R
- High proficiency in English, both written and spoken for your scientific publications and presentations
- High degree of creativity, commitment, analytical competence, and interdisciplinary teamwork

We offer you an exciting and varied job within an agile team as well as a wide range of training opportunities and flexible and family-friendly working time models. For more information about SCC as your new work home, please visit https://www.scc.kit.edu/en/aboutus/working-at-scc.php (https://www.scc.kit.edu/en/aboutus/working-at-scc.php).

We are looking forward to your application (Motivational letter / CV / Certificates)!

Salary

Salary category 13, depending on the fulfillment of professional and personal requirements.

Organizational unit

Scientific Computing Center (SCC)

Starting date

asap

Contract duration

3 years

Application up to

05.08.2024

Contact person in line-management

For further information, please contact Prof. Dr. Nadja Klein, kleinlabtrello@gmail.com (mailto:kleinlabtrello@gmail.com).

Application

Please apply **online** using the button below for this vacancy number 340/2024 . Personnel Support is provided by

Mr Meschar
phone: +49 721 608-25029,

Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

We prefer to balance the number of employees (f/m/d). Therefore we kindly ask female applicants to apply for this job.
Recognized severely disabled persons will be preferred if they are equally qualified.

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