In the field of innovative software technologies, the German Research Center for Artificial Intelligence GmbH (DFKI) is the leading research institution in Germany. In the international science community the DFKI ranks among the most important “Centers of Excellence” and currently is the biggest research center worldwide in the area of Artificial Intelligence and its applications in terms of number of employees and the volume of external funding. For the Robotics Innovation Center in Bremen (headed by Prof. Kirchner), in the field of “application and development of machine learning methods” the DFKI is looking for a

**Researcher in the field of Machine Learning (m/f)**

at the earliest date possible and for a position initially limited to two years.

The candidate should have a scientific background in the field of machine learning.

Possible research topics include long-term autonomous and self-optimized robots, automatized imitation learning, online learning of simulation models and robot behavior optimization using brain-machine interfaces. Available resources include state of the art robotic systems for marine, space and industrial applications, a computer cluster and special embedded hardware for deep learning as well as other embedded hardware solutions.

We expect you to perform the following tasks:

- Contribution to research projects in robotics with technical and methodical focus in the fields of machine learning, data mining, data storage, data analysis and cross references to simulation and visualization as well as to man-machine interaction
- Coordination and active cooperation on projects concerning software development projects
- Coordination with external project partners
- Preparation of project documentation and presentation of the project on the occasion of scientific and political events, exhibitions and press events
- Possible participation in university teaching

Your competences and qualifications:

- An above-average university degree (diploma or comparable academic degree) in Computer Science or a related field with significant computer science shares
- In-depth knowledge and wide experience in the field of machine learning
- Strong C/C++ and Python programming skills
- Experience in research and development projects
- In-depth knowledge in one or several of the following methods: deep learning, ML methods in the fields of clustering, classification, optimization, and/or regression and data
- Practical knowledge in the required field of application, with respective scientific publications
• Good communication skills and confident manners, personal responsibility, initiative, good team-working skills, readiness to face new challenges

We are looking forward for a talented and highly motivated candidate. He/she should have an independent and well-structured working style, but has to be able to work in teams as well.

The DFKI offers a competitive salary and the opportunity to work with a dynamic, continuously growing team in an interesting research environment. The DFKI is an equal opportunity employer. Women are especially encouraged to apply. Handicapped applicants with equal qualification will be given preferential treatment.

Applicants should send a letter of interest with passport photo and salary requirements, a CV, copies of certificates and two references in electronic form to:

Deutsches Forschungszentrum für Künstliche Intelligenz GmbH (DFKI)
Robotics Innovation Center (RIC)
Verena Tenzer
Robert-Hooke-Str. 1
D-28359 Bremen
ric-application@dfki.de

Curious about DFKI RIC and Bremen? For more information, visit!