To strengthen our dedicated team in the DFKI research department in Oldenburg, we are looking for a

**Junior Researcher / Engineer (m/f/d)**

*(full-time, initially limited to 2 years)*

The Marine Perception research department headed by Prof. Dr. Oliver Zielinski, is dedicated towards research and development of intelligent sensors and systems for the automatic perception and classification of environmental hazards. This is accomplished by means of data streams from multi-modal sensor networks, combined with AI-technologies, which are adapted and further developed.

**Your tasks:**
- Planning, construction and commissioning of a sensor integration system
- Programming of hardware-related applications, e.g. for microcontrollers
- Integration of sensors and network components into existing systems
- Establishment of a measurement data management for quality assurance
- Ensuring the operational readiness of the system for research and development in the field

**Your qualifications:**
- Successfully completed studies as an engineer in electrical engineering, information technology, mechatronics or comparable field
- Competent knowledge of at least one hardware-related and one user programming language (e.g. C++, Java, Python)
- Knowledge of network technology, security and industrial communication
- Experience in technical system and project management
- Structured, responsible work with the ability to contribute to the team independently and productively
- Good knowledge of German and English

**Your benefits:**
- The possibility to work on interdisciplinary research projects intersecting maritime applications, data science, sensor systems and high-performance computing
- Excellent industrial contacts and equipment
- An innovative, agile and professional work environment in one of Germany’s prominent IT locations
- Various opportunities for professional development

We look forward to receiving your detailed application documents by 22. January 2021, stating your earliest possible starting date.

Please contact Ms. Monika Topp for further information and send your application via E-Mail to monika.topp@dfki.de.

---

The German Research Center for Artificial Intelligence (DFKI) is Germany's leading business-oriented research institution in the field of innovative software technologies based on artificial intelligence methods. In the international scientific community, DFKI ranks among the most recognized “Centers of Excellence” and currently is the biggest research center worldwide in the area of Artificial Intelligence and its application in terms of number of employees and the volume of external funds. The DFKI cooperates closely with national and international companies.

Severely disabled applicants and peers are given special consideration if they are equally suitable. The DFKI intends to increase the share of women in the field of science and therefore urges women to apply.