To strengthen our dedicated team in the research department Agents and Simulated Reality in Saarbrücken we are looking for a

Junior Engineer (m/f/d)
(full-time, initially limited to 2 years)

The research department Agents and Simulated Reality, headed by Prof. Dr.-Ing. Philipp Slusallek, conducts research both on methods at the intersection of Artificial Intelligence, Computer Graphics/Visual Computing & Simulation/High-Performance Computing as well as on application in areas such as Autonomous Driving, Industrie 4.0, Computational Sciences, Smart Living, High-Performance Computing, and others.

Your tasks:

- Administration and maintenance of the machine learning infrastructure based on container technologies (Docker, Kubernetes).
- Further development of the installation, monitoring (Prometheus) and maintenance tools in Ansible, Python, Bash and Go.
- Investigation, analysis and integration of technologies to improve the machine learning infrastructure.

Your qualifications:

- Degree in computer science (Bachelor or comparable) or a discipline with a significant overlap with computer science
- Very good and demonstrable Linux knowledge (CentOS, Ubuntu).
- Good knowledge of at least one scripting language (Bash, Python).
- Willingness to acquire new knowledge in the field of container technologies, virtualization, maintenance and administration tools.
- Good English language skills (speaking and writing).

Your benefits:

- Opportunity to participate in interdisciplinary research projects
- Access to an outstanding and broad network of industry collaboration
- Excellent technical equipment
- An innovative, agile, and professional working environment at one of Germany's best locations for computer science research (with Saarland University, two Max Planck Institutes (MPI-INF/MPI-SWS), Helmholtz-Center for Information Security (CISPA), and others.

We look forward to receiving your informative application documents, and your earliest possible starting date until 15.07.2019.

Please contact Dr. Oliver Keller for further information and send your application via E-Mail to oliver.keller@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.

Priority will be given to applicants with severe disabilities if their professional and personal qualifications are essentially the same. The DFKI intends to increase the proportion of women in science and therefore expressly invites women to apply.