To strengthen our dedicated team in the research department Augmented Vision in Kaiserslautern we are looking for

**Several software developers in the field of medical image processing (m/f/d)**
*(full-time, initially limited to 2 years)*

**The research area Augmented Reality headed by Prof. Dr. Didier Stricker** deals, among other things, with the development of a cloud-based medical product to support the diagnosis of prostate carcinoma with the help of artificial intelligence.

Your tasks:

- Development of AI methods for image analysis and segmentation of medical ultrasound images of the prostate (TRUS)
- Further development of the web service to support urologists, especially in the area of longitudinal studies
- Extension of the system with 3D anatomical atlases
- Extensive automation with the help of AI methods
- Interfaces (DICOM) to hospital information systems [HIS/PACS]

Your qualifications:

- Completion of a course of study (Master or comparable)
- Very good programming skills in Java and C++
- Sound knowledge of the following technologies:
  - HTML5, CSS, JavaScript, JSP, Tomcat, Apache, SQL, MariaDB
- Profound knowledge of DL frameworks e.g. PyTorch and Python
- Knowledge of DICOM and / or HIS systems would be advantageous

Your benefits:

- The opportunity to participate in interdisciplinary research projects
- An innovative, agile and professional working environment at one of the outstanding IT locations in Germany

We are looking forward to receiving your informative application documents including passport photo, salary expectations and your earliest possible starting date until 29.02.2020.

Please contact Didier Stricker for further information and send your application via E-Mail to av-jobs@dfki.de.