The Department of Neuroradiology at the University Medical Center Mainz is recruiting a:

Junior Research Group Leader for Deep Learning Image Analysis (m/f/d) Reference: 50152696

Your tasks:

- Planning, conduction and organization of research in ultra-high resolution CT and neuro-MRI image segmentation as well as image-based machine learning outcome prediction of neurological diseases
- Development of new pipelines in machine learning for medical imaging (especially for CT and MRI)
- Presentation of own research results in national and international conferences and workshops
- Preparation of manuscripts and publication in journals, application for funding
- Supervision of students (Master and PhD)

Your profile:

- A PhD degree in computer science, engineering, physics or related field
- Strong background in image processing and deep learning techniques is a must, evidenced by peer reviewed publications in key journals (AI, medical imaging)
- Proficiency in programming (e.g. Python, Matlab, R, C, etc.)
- Experience in machine learning and image analysis frameworks (e.g. PyTorch, Tensorflow)
- Interest in the supervision of students
- Excellent written and oral communication skills in English; skills in German is a plus
- Experience in the writing of publications and funding/grant proposals
- Team player, critical thinker and a proactive mindset
- High motivation for research and a strong personal commitment

We offer:

- The position is initially limited to 2 years
- Exciting, interdisciplinary projects within excellent scientific infrastructures
- Engagement in a dynamic, international and highly motivated team of clinicians, IT specialists, scientists and engineers
- Strong collaborations with e.g. one of the leading departments for IT in Germany at the TU Darmstadt
- Access to state-of-the-art imaging and computational resources
- Excellent options for advanced education and further trainings
- Competitive salary (E 13) and health care benefits according to the company-based tariff agreement
- Good transport connections and proximity to the main station
- Childcare (kindergarten)
- Job ticket

Further information and contact:

UNIVERSITÄTSMEDIZIN
der Johannes Gutenberg-Universität Mainz
Servicecenter Personal-Recruiting Büro
Langenbeckstraße 1
55131 Mainz, Germany

In case of technical questions or for further information, please contact is Univ.-Prof. Dr. med. Ahmed Othman phone: 06131 17-2296.

Please submit your application (including cover letter, CV, academic record together with a list of projects you were working in and the names of at least two references in one combined pdf) to karriere@unimedizin-mainz.de or upload your application on our homepage: www.unimedizin-mainz.de