



Postdoc Position in Medical Augmented Reality and Medical Image Processing

full-time, starting now

We are looking for a highly motivated postdoc with a background in computer graphics and vision, augmented reality (AR), deep learning (DL) and / or medical imaging to work on interdisciplinary research projects within our XR lab: <https://xr1ab.ikim.nrw/>

Responsibilities:

- Planning and execution of research projects in the area of medical AR and DL for medical image processing
- Development and evaluation of algorithms / tools for medical DL / AR in cooperation with physicians from the University Hospital in Essen, Germany
- Supervision of Bachelor, Master and PhD students
- Publication of research results
- Acquisition of third party funding, grants, industry, etc.
- Establishment of a new research group

Conditions of admission:

- PhD degree in relevant field (CS, SE, BME, ...)

Qualifications:

- English at an advanced level (written and spoken)
- Solid programming skills (e.g. C++, C#, Python)
- Prior experience in computer graphics and vision
- High motivation, self-initiative, passion and commitment to research
- Interest in AR, medical image processing, scientific working and project management. Prior experience and knowledge in funding acquisitions are an advantage.

Contact

Please send your CV including Ph.D. thesis title, list of published papers, etc., to Prof. Dr. Dr. Jan Egger (jan.egger "@ uk-essen.de).