Orbem is an impact-driven deep tech startup from Munich, Germany. We develop fast, accurate, and accessible imaging solutions that provide access to otherwise unattainable sources of knowledge.

We seek to make a difference – and develop solutions to sustainably feed the world, transform disease detection, and accelerate the transition to a green economy. Join us.

**MRI Scientist / Engineer**

**Starting date:** as soon as possible  
**Placement:** 2.1  
([see placement framework](#))

**Application form:**  
[Click here](#)

**Your role**

You develop and build the next generation of our AI-powered MRI solution. You implement state-of-the-art methods to realize our vision of a fast, cheap, and simple MRI. Being part of our innovation team, you transform cutting-edge research into a breakthrough product. By leveraging your curiosity and excellent problem-solving skills, you unlock the next stage of our product development.

**Your day to day**

On a typical day, you will:

- work at our MRI systems developing methods for accelerated imaging.
- optimize imaging protocols maximizing image quality, speed and AI performance.
- implement quality assurance methods for imaging.
- write and maintain production-level code for MR sequences and image processing.
- design studies for validation of new imaging applications.

**Your team**

As an MRI Scientist/Engineer you become part of our diverse and international Imaging team with teammates from 4 different countries. You'll collaborate with AI and Hardware teams to build strong AI-powered MRI applications. Learn more about the team members, their work, and challenges here: [https://orbem.ai/](https://orbem.ai/)

**Your experiences and skills**

**Fit to our values**

- **We own every challenge:** we enjoy complexity and thrive under uncertainty.
- **We strive for better:** we seize any opportunity for growth and challenge the status quo. We are constantly learning and improving.
- **We imagine new frontiers:** we think beyond ‘doable’ and ‘reasonable’. We design a sustainable and healthy future together.
MRI Expertise

- You have hands-on experience developing MR methods with high-quality standards.
- You have strong MR physics and engineering knowledge.
- You have experience with MR pulse sequence development and imaging optimization.
- You have experience with MR reconstruction algorithms.
- You have a solid understanding of MR hardware components.

Coding & Data fluency

- You have a strong statistics and data analysis foundation.
- You have strong coding skills in Python and C/C++.
- You have experience with AI methods for MRI.
- You appreciate the value of best practices for writing high-quality production code.

What makes you stand out from other candidates

Scientific approach

- You can deal with complex contexts, structuring, and extracting essential takeaways.
- You follow a data-based mindset, finding evidence by utilizing the highest experimental research standards.
- You know how to translate gained data insights into derived conclusions.

Translating interdisciplinarity

- You are an ambitious learner, developing and understanding new ideas for imaging.
- You turn thoughts into action, implementing methods efficiently with a focus on detail.

Innovating the status quo

- You embrace exploring new approaches.
- You enjoy interdisciplinary perspectives.
- You iterate fast, ensuring up-to-date knowledge integration.

Please note: Even if you might not match all requirements, we still encourage you to apply if you are passionate about our work and the role. Especially if you identify yourself with one or more of these attributes: a member of an underrepresented group, non-linear career path, or otherwise unique profile.

Benefits

International environment: 5 different continents, 24 different nationalities driven by the same purpose: shedding light on the world’s toughest challenges.

Make a difference: You’ll work in a scale-up environment with the freedom to drive your own projects and make a visible impact.
Attractive package: On top of your salary you receive stock options, which let you participate in Orbem’s success. We also offer relocation and visa support, a €1,750 training and development budget per year, gym memberships, and much more.

Work-life balance: 30 days of paid leave per year and health insurance coverage.

You join an ambitious team working on breakthrough technology. We offer you a plain playing field to explore and design. During your time with Orbem, we support you in discovering your strengths and defining a vision for your professional future. We hope to teach you some things, but more importantly, we also want to learn from you. Join us.