

MRI software engineer

About DeepSpin

DeepSpin is a DeepTech startup developing next-gen MRI machines powered by machine learning. Headquartered in Berlin, we are now expanding our world-class technical team after another round of investment. This is a fantastic opportunity to join a team motivated to bring a life-saving technology to the 5 billion people that cannot currently afford it.

About the Role

At DeepSpin, you will be joining the software R&D team of the Berlin office. This team will develop the algorithms that the MRI machine relies on, from the network defining the operation and design of the machine to the layers post-processing the results into an automated diagnosis. You will be responsible for integrating MRI knowledge model into the machine learning pipeline, for supporting the development of better reconstruction algorithms and for supporting the transition from the old way of doing MRI into the future.

About You

Below is the background *we think* would best prepare you to do the job. However, at DeepSpin we value *commitment* and *skill* and for that reason our hiring process makes sure that we are a good fit to each other on those, rather than on your formal background. So if you're in doubt, know we would love to get your application!

- MSc/PhD Degree in STEM (Computer Science, Physics, Mathematics, Engineering, etc)
- 3+ years of experience applying computational mathematics techniques in MRI
- Experience working with near-hardware raw signals in Python
- First principles thinking, excellent communication skills in English and a proactive, positive attitude
- Preferred: experience with MRI in a clinical setting and in pulse sequence design
- Preferred: postdoc or industry experience in a leading research group/company
- Preferred: proven track record with publications in top MRI journals

What we offer:

- The opportunity to truly make a difference by shaping a ground-breaking product early on
- A diverse and multicultural English-first office
- A creative workplace with flat hierarchies and open communication among a cooperative team
- Working directly with the founders and the team of senior advisors supporting us (ex-McKinsey, ex-Siemens and ML/MRI professors) on cutting-edge techniques
- An entry point into the field of AI-generated medical devices
- A 50.000-70.000€ salary, a competitive stock package and 30 days of yearly vacation
- An incredible penthouse office in the center of Berlin, free lunch with the entire team, a company laptop and drinks on Friday!

[Apply here](#)