



LEM Surgical AG is a dynamic and pioneering high-tech MedTech startup based in Bern, Switzerland. We are at the forefront of developing the next generation of spine surgical robots. To support our continued growth and to enhance our cutting-edge technology, we are looking for a highly skilled Algorithm Engineer who will play a pivotal role in developing and optimizing advanced algorithms, making a significant impact on the performance and innovation of our robotic systems, and ultimately shaping the future of spine surgery.

Algorithm Engineer (Medical Imaging)

You Will

- Design, develop, and optimize algorithms for medical image processing, analysis and enhancement in CT, X-ray, and MR modalities.
- Collaborate with cross-functional teams including System and Application Engineers, to realize requirements and translate them into algorithmic solutions.
- Provide technical support and collaborate with the software development team to ensure seamless integration of algorithms into our medical imaging software products.
- Evaluate and validate algorithm performance through testing, benchmarking, and analysis using medical imaging datasets.
- Stay up to date with the latest advancements in medical imaging, AI, and machine learning, and incorporate them into algorithm development.

Your Profile

- Master's or Ph.D. degree in Computer Science, Biomedical Engineering, or a related field.
- Minimum of 5 years of experience in developing medical image algorithms.
- Strong background in medical imaging, computer vision, and machine learning algorithms.
- Proficiency with medical imaging modalities, including CT, X-ray, and MR.
- Hands-on experience with applying AI and machine learning technologies in the field of medical imaging.
- Exceptional mathematical and analytical skills.
- Strong written and verbal communication skills in English.
- Ability to work independently and collaborate effectively with multidisciplinary teams.
- Capability to troubleshoot and analyze complex problems.

Key Points

- Start date: As soon as possible or by agreement.
- Workload: 100%

Join LEM

- Contribute to pioneering next-gen surgical robots within LEM's diverse and innovation-driven team environment. Be part of a rapidly expanding high tech Med-tech leader where daily contributions fuel growth and make a significant industry impact.

If you are driven by the prospect of shaping the future of medical technology and thrive in a dynamic, forward-thinking environment, we look forward to receiving your application to: careers@lemsurgical.com

