



SurgAR is looking for a Data Scientist

Looking for an ultra-stimulating ground to boost your career? Looking for a challenge that can have a direct impact on the quality of patient care?

Why join us ?

SurgAR is a fast growing startup based in Clermont-Ferrand working on the development of augmented reality softwares for minimally invasive laparoscopic surgery. SurgAR won the prestigious i-Lab 2019 competition (best innovative company projects) and several national and international calls for proposals in 2020. It has a strong partnership with an internationally recognised surgery department (Clermont-Ferrand University Hospital) and a computer vision laboratory, EnCoV, leader in its field.

Our software suite is based on cutting-edge technology dedicated to improving the safety, efficiency and speed of surgical procedures. Our technology is a deep-tech based on more than 10 years of fundamental and clinical research. On our website www.surgar-surgery.com you will discover the performance of our technology. More than 50 patients have been operated using our software suite. We aspire to create breakthrough technology that will change the practice of surgeons.

The job offer is a real challenge where you will work at the heart of the R&D team in full collaboration with the management team and clinicians. We strongly value the ethical aspect of the company and its employees as well as maintain a friendly working atmosphere.

The job?

You will be in charge of proposing solutions to meet SurgAR's technical needs in AI as well as performing the technology transfer of research work in deep learning to SurgAR products. You will be involved from algorithm design to clinical validation of their performance in order to provide innovative tools for surgeons. You will work closely with the developers to implement the algorithms in our medical devices. Thus, you will be at the center of AI project management within SurgAR.

You?

You have a PhD in data science or machine learning. You have knowledge and practical experience in deep-learning, machine learning and computer vision. A good command of Python and C/C++ is essential as well as knowledge of different machine learning frameworks (TensorFlow, Pytorch, Keras ...). Experience in the healthcare field and knowledge of the different data formats used in this environment (DICOM) would be highly appreciated. Knowledge of cloud environments and experience in cloud computing would be appreciated. A good knowledge of the General Data Protection Regulation (GDPR) is strongly recommended.

You master oral and written technical English.

You are known for your rigour and autonomy, you have good ability to integrate into a team, you are able to manage multiple projects on time and to work under strict deadlines, you are eager to learn new concepts: you are the one!

Send your CV and cover letter to cecile@surgar-surgery.com

SurgAR is THE startup that will revolutionise tomorrow's surgery!

Be part of this revolution! Join us!