



Revolutionising early stage cancer detection with AI

Lucida Medical is a medical imaging AI startup based in Cambridge, with close links to the University and technology ecosystem. We apply AI and magnetic resonance imaging (MRI) to oncology. Our vision is to disrupt the cancer diagnostic pathway with technology that finds cancer precisely and quickly, enabling patients to receive the best possible diagnosis and treatment, ultimately saving lives.

With top of the field academic and industry co-founders, key opinion leaders as advisors and strong financial backing by investors, we are looking for highly enthusiastic, open minded individuals to join our team. This is an exciting opportunity to join a startup from an early stage and grow with the company.

We're small, so you can make a huge difference. We're a diverse team, prioritising equal opportunities, and especially welcome applications from groups under-represented in the tech ecosystem. We offer a competitive salary and a stock options plan. Help us transform the way we find and treat cancer.

Machine Learning Engineer / Senior Engineer – Medical Imaging

We're looking for individuals with prior experience in applying deep learning to medical imaging, to extend our current algorithms and implement new architectures as we bring our software medical devices to market. The role will combine working with the latest Python and AI frameworks, model research, integration of models into a complete software product, and contributing to publications.

Key skills and experience

- Data science, AI, deep learning or machine learning experience, including experience analysing medical imaging data
- Programming in Python
- Engineering, Computer Science or Maths degree and/or PhD, or equivalent in a related subject, min grade 2.i or equivalent in most recent results, preference given to grade 1
- You must have built something (physical or software) for yourself and tell us about it when you apply.

Preferred skills and experience

- Managing projects or small development teams
- Software engineering
- Programming in Pytorch, Tensorflow or Keras, OpenCV
- Medical imaging, DICOM, ITK / SimpleITK / VTK
- Medical device development
- Clinical development, studies or trials, for example designing/running clinical evaluations.

Key personal qualities include self-motivation, problem-solving, ability to work within a team and by themselves, and a talent for communicating complex ideas in simple terms. We are looking for someone who embraces agile principles and is happy to adapt to a regulated medical device development environment.

While we are currently working remotely due to Covid-19, this role will be based in our Cambridge office once we are able to re-open.

Application Process

Please apply directly (no agencies please) by sending us a CV and covering letter explaining how your skills and experience meet our requirements, outlining your background and why you are interested in this role.

Contact: Recruitment manager recruitment@lucidamedical.com