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. Help us transform the way we find and treat cancer.

Machine Learning Internships – Medical Imaging

We're looking for up to 3 individuals with relevant prior experience to research new architectures and ML methodologies for use in our medical imaging analysis software. The role will combine working with the latest Python and AI frameworks, ML research, integration of models into a complete software product, literature review and contributing to publications. Our internships are paid and normally last 12 weeks.

Key skills and experience

- PhD student or 2nd/3rd year undergraduate in Engineering, Computer Science, Maths, or related subject, with min grade 2.i or equivalent in most recent results, preference given to grade 1
- Experience in at least one of signal processing, image processing, deep learning or machine learning is essential for these internships, whether self-taught or through your studies
- Proficient in Python programming
- You must have built something (physical or software) for yourself and tell us about it when you apply.

Preferred skills and experience

- Programming in Pytorch or fast.ai, Tensorflow or Keras, OpenCV
- Applications of AI to medical imaging
- Working with medical imaging data, DICOM, ITK / SimpleITK / VTK
- Data visualisation, 3D modelling
- Statistics
- Experiment design, clinical study design or analysis.

Key personal qualities include self-motivation, problem-solving, ability to work within a team and by yourself, and a talent for communicating complex ideas in simple terms.

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) no later than 15 March 2022, by sending us a CV and a 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