Are you ready to join the fight against cancer and improve the lives of millions of patients?

Do you want to work with machine learning technologies that will redefine medicine?

Join the Optellum team and help us shape the cancer care of tomorrow!

Research Scientist (Machine Learning, Computer Vision, Data Science)

Your Mission: Would you like to

- Help bring to market healthcare AI products that will be deployed to thousands of hospitals?
- Create Big Data infrastructure that will turn thousands of Terabytes of unstructured medical data into novel biomarkers?
- Work closely with our founders, developers, and world-leading clinical and machine learning luminaries?

Required Skills: You must have

- Creativity and a brilliant quantitative mind, scientific curiosity and passion for biomedical topics.
- Strong knowledge of computer vision, machine learning or medical informatics (esp. Object Recognition, NLP).
- Strong PhD from a world-leading research group.
- Strong programming/coding ability (Python, C++ or similar).
- Flexibility to feel at home in a technology start-up with a team of scientists, analysts and testers

Desirable Skills: One or more of these would be a definite plus

- Experience with weakly supervised and unsupervised learning approaches.
- Experience with analyzing medical image and/or electronic patient record data.
- Strong familiarity with open-source scientific programming libraries (e.g. Boost, NumPy, SciPy).
- Strong familiarity with deep learning (e.g. TensorFlow, CNTK, Caffe), GP-GPU and/or big data frameworks (e.g.Spark).
- Previous collaborative software development experience (in industry, startup environment or open-source projects).

What We Offer

- Fast professional growth: significant responsibility for your project, and freedom in determining the direction it takes.
- Opportunity to apply in practice and rapidly learn and grow your knowledge of cutting edge technologies.
- Competitive salary and additional benefits which will grow with the company.
- Significant equity to benefit from our success (stock option plan).
- Beautiful office in Oxford's historical center, with great connectivity (5-min walk to the train station, 1hr to central London).
- Flexible working hours from the outset; with the possibility of negotiating a flexible working location in the future.
- Work permit sponsorship to the most exceptional candidates.

About Us

Optellum's vision is to reshape early cancer diagnosis and treatment by using machine learning to unlock deep insights in huge medical image databases. By pooling the collective experience of thousands of doctors, we will uncover patterns not obvious to the human eye and put expert-level decision support at the fingertips of any clinician.

We are a team of award-winning AI and imaging experts who met at Oxford's world-renowned computer vision laboratory, and we have track records of bringing innovation to market (including multiple exits, IPO). We are backed by an Advisory Board comprising world-leading clinicians and experts in deep learning and diagnostic imaging; and Oxford's most prominent investors with track records in medical technology startups.