



Helping Clinicians Cure Cancer with Artificial Intelligence and Big Data



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!

Internship in Oxford (Assistant Data Scientist for Medics)

Your Mission: Would you like to

- Help bring to market healthcare AI products that will be deployed to thousands of hospitals?
- Help create huge curated datasets for machine learning? (based primarily on CT imaging and ground-truth outcomes & image markups, which you will check for consistency & improve for the needs of AI/machine learning systems)
- Develop unique data science skills, while working in a team of AI experts, in close collaboration with Oxford University?

Required Skills: You must have

- Studying for a medical degree (or aiming to start).
- Obsessive attention to detail and quality (accuracy & consistency), strong work ethics.
- Passion for technology and biomedical innovations.
- Strong communication skills in English. Ability to write clear documents and communicate with clinical and R&D teams.
- Flexibility to feel at home in a technology start-up with a team of machine learning scientists and developers.
- Initial full-time availability in Oxford, UK for a minimum of 8 weeks and/or part-time for min. 12 weeks (min. 20h/week).
- ELIGIBILITY TO WORK IN THE UK. WE CANNOT SPONSOR VISA FOR INTERNS FROM OUTSIDE OF THE EU.

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

- Basic programming & data analysis skills (e.g. Python, Matlab, R), to effectively import, verify, rearrange & edit data
- Strong familiarity with radiology (Chest Computed Tomography) and health IT (electronic medical records, PACS)
- Prior experience in a clinical or a research environment. Experience working in a startup or a small SME a plus.
- Hands-on software development experience. Basic database knowledge (SQL) a plus.
- Starting date ASAP. Long-term availability (3 months+) is a plus, due to the significant learning curve

What We Offer

- Opportunity to gain hands-on experience of cutting edge healthcare technologies, particularly relating to machine learning
- Work alongside leading clinical, machine learning and medical product development experts. Optellum collaborates with top radiologists & pulmonologists - authors of guidelines - at hospitals worldwide, including Oxford, Royal Brompton, Heidelberg, Groningen, or Vanderbilt.
- Competitive compensation (£1500-2000 per month). Flexible working hours around a core period.
- The possibility of a long-term collaboration with our fast-growing company if you demonstrate you have what it takes
- Beautiful office in Oxford's historical center, with great connectivity (5-min walk to the train station, 1hr to central London).

About Us

Optellum is a new startup founded by global leaders in deep learning, thoracic imaging, and serial medtech entrepreneurs from the University of Oxford. We are working to enable better early lung cancer diagnosis, stratification and treatment, by using AI/machine learning to pool the collective experience of thousands of doctors, and provide expert-level decision support to every clinician.