

Lead Test Engineer: Help Fight Cancer with AI at Optellum

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!

Your Mission:

- Ensuring that our software products implement efficient, accurate and robust patient management and clinical diagnostic and therapy solutions that will benefit clinicians, their patients and the health systems as a whole.
- Define testing strategy for our software products, platform and AI solutions to ensure they benefit as many as possible with risk of harm as low as possible.
- Design and implement automated testing and deployment processes, to bring agility into medical device development.
- Improve the current testing processes and infrastructure to help make testing more efficient.

Key Responsibilities

- Lead testing in all its aspects (strategy, technology, processes, resources, etc.).
- Decide, design, and implement testing strategy for all the Optellum products using maximal level of automation.
- Build and lead the testing team.
- Define, design, and implement testing procedures.
- Evaluate, choose, and configure the automation testing tools.
- Design and implement the automating testing framework.
- Define project test plans.
- Ensure product testing is executed according to the defined plan.
- Contribute to the choice of technologies and platform for the Product and the future technical choices for new product development directions.
- Test the Product to the best quality standards.
- Contribute to the risk analysis (including FMCA) according to ISO 14971
- Contribute to the Technical File for regulatory submission in the countries where Optellum operates, with support from the QA / RA Manager.
- Synchronize your work and project tasks with the product team comprising groups of research scientists, software and systems engineers, so that their work and results can be translated to our products in an efficient and agile manner.

Person Specification

Essential Skills

- At least 3 years' experience in automated testing for web applications (test authoring, testing tool configuration, etc)
- Track record in software verification & validation in a regulated software environment such as ISO 13485.
- Track record of ownership of testing processes.
- Strong communication skills and ability to write and review clear documents (requirements and test specifications).
- The flexibility to feel at home in a start-up.

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

- Track record in software risk analysis in a regulated software environment.
- Familiarity with cloud computing (we especially use Azure and AWS).
- Experience in CI/CD design and configuration.
- Agile software development experience a big plus.
- Experience in Software Requirement writing a plus
- Hands-on software development experience.
- Degree in a scientific, technical or a medical discipline.
- Open-source activity and community leadership (presentations at meetups, conferences).
- Experience in Linux systems.
- Passion for biomedical topics.
- Knowledge of hospital IT systems (PACS, DICOM, HL7, FHIR).

What We Offer

- Hybrid model, with some presence preferred in our Oxford office.
- Fast growth, ownership & high impact in a growing startup.
- Professional development opportunities.
- Flexible working hours from the outset.
- Great location in Oxford's historical centre: just 5 min walk to train station, 1h to central London.

Optellum is an Equal Opportunities Employer. We are committed to creating a diverse and inclusive workplace and welcome applications from all qualified candidates regardless of race, gender, disability, religion/belief, sexual orientation, or age.

If you are excited about the opportunity to work with a talented and dedicated team to make a difference in the fight against lung cancer, we would love to hear from you.

We work a Hybrid model attending the office in the Centre of Oxford at least two days per week.

Salary is up to £60,000 per annum depending on experience.

Applicants must have the existing and ongoing right to work in the UK without restrictions as sponsorship is not provided.

Please send your application and cover letter explaining why you think you are suitable for the role to hr@optellum.com

Early application is advised as interviews will take place as applications are received.

To apply: Please send your CV and covering letter detailing why you think you are suitable for the role to hr@optellum.com

Applicants must have the existing and ongoing right to work in the UK without restrictions as visa sponsorship is not provided

Early application is advised as first stage interviews will take place as applications are received.

First stage interview will be by MS Teams and second stage face to face at our offices in Oxford City Centre.