



Paid Internship: 3D Modelling and Mesh Optimization

(Remote Working)

Kite Medical is a medical device company developing a novel, electromechanical medical device designed to detect kidney reflux in children. Our vision is to be *'the method of choice for screening and monitoring kidney reflux in children, enhancing patient experience and clinical outcomes'*.

The Role

The intern will focus on developing finite element models to support Electrical Impedance Tomography (EIT) algorithms.

We are looking for a candidate that is proactive, a team player, and has excellent communication skills. It is expected that the candidate should be a self-starter, capable of working remotely. The intern will report to the research and development team.

The candidate will:

- Work with segmentation, 3D modelling, and meshing tools
- Implement and test mesh optimization algorithms

Job Requirements

- Bachelor's/Master's degree in biomedical/computer/electrical/electronics/mechanical engineering, applied mathematics, or related discipline
- Experience in any 3D modelling software would be considered an advantage.

The internship is approximately for six months. The candidates interested in pursuing Master's or PhD thesis/project in this field are highly encouraged to apply for this position.

To apply, please submit your CV and a cover letter detailing why you are applying for the role to info@kitemedical.ie. Applications received before April 30, 2022 will be given first consideration.