



## Paid Internship: Algorithms and Modelling (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 as well as algorithms for electrical impedance tomography.

We are looking for a candidate that is proactive, a team player and has excellent communication skills. The intern will report to the research and development team.

The candidate will:

- Work with segmentation, 3D modelling, and meshing tools
- Implement and test signal processing algorithms

### Job Requirements

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

The internship is approximately for one year. The candidates interested in pursuing Master's or PhD thesis/project with us 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](mailto:info@kitemedical.ie).** Applications received before June 15, 2021 will be given first consideration.