



Paid Internship: Signal Processing (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 algorithms for analysis of bioimpedance data.

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:

- Implement and test signal processing algorithms to improve signal quality.
- Apply the most recent techniques in Machine Learning for time series data.
- Learn about Electrical Impedance Tomography, a technique for computing images from bioimpedance measurements.

Job Requirements

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

The internship is approximately six to twelve months full-time. 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.