

## Medical Imaging R&D Engineer

Medlumics is a medical device start-up born in 2009 from a compromise with the improvement of human living standards by means of technology. Our mission is to extract value from the exciting scientific and technological advances that are taking place in the field of biophotonics, transforming them into innovative and high quality solutions for the global market.

Right now Medlumics has closed its *Series A* round of financing, and is seeking an Imaging Research Engineer with availability to start immediately.

### **Requirements:**

- EE/CS Engineer or equivalent (Master Degree).
- +5 years of experience in image software design and implementation.
- Knowledge of processing, segmentation, registration, analysis and visualization algorithms for medical imaging.
- Experience implementing DSP/FGPA signal and image processing pipelines.
- Familiarity with SW engineering methods and development philosophies.
- Fluent in English (ALTE-4/C1 or better).

### **Preferred Skills, Experience and Education:**

- Research experience / PhD will be valued.
- Knowledge of medical information systems and medical data storage formats.
- Experience with Optical Coherence Tomography image processing.
- Familiar with medical software standards and regulation (IEC 62304, FDA,...).

### **Job Description:**

This imaging engineer will be responsible for the design and development of the company's medical imaging software, taking care of different image-related software aspects of the products, including image processing and visualization. These tasks will include:

- Conception and implementation of advanced image processing and visualization algorithms.
- Integration of the imaging software with clinical information systems.
- Define technical system specification elements & interfaces.
- Coordinate SW production process with external service providers.
- End-user interface design, in collaboration with Marketing.
- Ensure conformity of SW to industry standards and regulation.

If you are interested, please send your resume to: [careers@medlumics.com](mailto:careers@medlumics.com)