Medical Device Software Engineer, imaging processing and image visualization

O2M Technologies (www.o2map.com) is looking for an individual for a position of a Medical Device Software Engineer/application programmer. O2M Technologies is a dynamic startup company developing preclinical oxygen imaging instrument using its core oxygen imaging technology based on electron paramagnetic resonance oxygen imaging. The position is located at O2M facility at the heart of Chicago.

The responsibilities of programmer will include writing of the user interface for hardware control program; developing image processing and registration software; coordinating efforts with cloud based image visualization and database programming team; coordinating development of the software with hardware engineering team. In addition, the programmer may also need to assist with other duties as required.

Skills required: Strong possession of C#/C++ programming, experience in scientific and image processing programming. The job will require to work independently and coordinate the efforts with hardware and business development teams. Knowledge of Python, SQL, Java, MATLAB and understanding of magnetic resonance imaging will be taken into consideration. The ability to understand the hardware of magnetic resonance equipment is a plus but not required. Experience with MRI or similar background is a plus.

Education/Training Requirements: Master or PhD in Computer science, Physics, Biomedical Engineering or similar fields with emphasis on programming.

Hours/Work Environment: Laboratory environment. Full-time position, employee will be needed on some weekends.

Background: Eligibility to work in the USA.

Interested candidate should an email to o2mapinfo@gmail.com with a cover letter highlighting their work along with current CV and contact details of 3 references. The screening of position will begin immediately and will continue until the positon is filled. The earliest start date for this position is July 1st, 2019.

O2M is an Equal Opportunity employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply.