



Software Engineer- Medical Imaging

O2M Technologies is looking for highly motivated individual for the position of a **Software Engineer** in Medical Imaging. O2M Technologies is a dynamic startup company developing preclinical oxygen imaging instrument JIVA-25 based on EPRI (electron paramagnetic resonance imaging, similar to MRI). JIVA-25 is the world's first preclinical oxygen imaging instrument designed for advanced oxygen guided cancer treatment.

Join O2M Technologies, an equal opportunity employer, that achieves success through continuous team learning and individual growth. As part of a world-class team of scientists, clinicians, and engineers, which bring together a synergy of expertise, you will be constantly pushing the boundaries and redefining the possibilities of imaging in modern medicine.

Your Role

- Lead the development of the oxygen image acquisition, processing and visualization application "O2M View";
- Coordinate the development of the data flow between the acquisition (Windows), server (Linux), SQL database, file storage, image processing modules, and visualization clients;
- Engineer parts of the software related to image reconstruction, processing, and image registration with MRI/CT;
- Develop user-friendly software interface (Windows);
- Coordinate the development with the hardware engineering team;
- Assist with other aspects of product and business development.

Key Qualifications:

- Ph.D. in Physics, Medical Physics, Computer Science, Electrical Engineering or similar fields with emphasis on programming;
- Self-motivated individual with a desire to create an elegant and functional software;
- Ability to work independently but in coordination with others;
- Proficiency in Python or other object-oriented languages such as C#/C++/Java;
- Experience in MATLAB/IDL programming, experience in image processing, visualization and analysis;
- Familiarity with medical imaging such as MRI, CT, US etc.
- Familiarity with SQL and relational database programming;

What we offer:

- Competitive salary and benefits

- Be a part of a dynamic start-up developing state-of-the-art technology in close contact with world-leading scholars in US and abroad

Hours/Work Environment: Laboratory/Office environment. Full-time position.

Background: Eligibility to work in the USA.

Location: Chicago, IL, USA.

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