Medstrat, Inc.
1901 Butterfield Rd #600
Downers Grove, IL 60515
www.medstrat.com

Position: Software Engineer (full-time)
Application Deadline: Sept 30th

Job Description

Software Engineer

We are currently seeking to fill a Full-Time position as a Software Engineer in the Engineering Department at Medstrat, Inc. in Downers Grove, IL. This person must be well versed with 2D graphics concepts, image pixel data manipulation, vector algebra, and UI design. Experience in web application development is desirable. Duties will span from conceptualizing the UI to implementing complex algorithms for new features in web and native applications using primarily Java among a variety of technologies. The candidate should possess strong troubleshooting skills to debug and fix software issues in existing products. The successful candidate will be able to write robust, modular and well documented code using object-oriented concepts. This position reports to the Software Architect.

Description of the System:
Our Joints system consists of a Picture Archiving and Communication System (PACS) server and client applications for Windows, Mac, iPhone and iPad. The client-server architecture of our PACS creates a robust, scalable, distributed system for storage, search and retrieval of terabyte-sized medical image data sets. The result is that our users have distributed access to MRI, CT, X-ray and other medical image types from multiple types of devices which in turn improves clinical workflow. Our software provides image manipulation, image processing and pre-operative surgical planning abilities to orthopedic doctors and clinicians at hundreds of orthopedic practices across the country. Our PACS is considered the best-in-class digital diagnostic and surgical planning solution in the orthopedic PACS market space.

Essentials Duties:

- Debug issues that arise from customer feedback
- Develop software to provide bug fixes and create enhancements
- Participate in design, implementation and testing phases of the software development process
- Effectively work with multi-disciplinary personnel to achieve project goals

Essentials Skills:

- B.S., M.S., or Ph.D. in Computer Science
- Significant experience in Java or other object oriented languages
• 2D graphics and image data manipulation
• Demonstrated ability to find solutions to complex technical problems
• Demonstrated ability to communicate effectively in a multi-disciplinary team environment

Related Skills:

• Knowledge of JavaScript is a plus
• Experience with AutoCAD or other CAD tool is a plus
• Experience in web app development is a plus

Benefits:
We offer unprecedented benefits to our employees including a healthcare plan, 401(k), long-term and short-term disability, paid holidays and life insurance!

About Medstrat
As the industry founder, Medstrat is the most experienced provider of orthopedic digital imaging solutions. Our expert engineering and digitally connected support staff are combined with proven, advanced, customizable software to optimize patient care, productivity and profitability within an orthopedic practice.