



Software Engineer, R&D

Location: Caesarea, Israel

Spectrum Dynamics Medical is engaged in the development, manufacturing, sale and service of state-of-the-art nuclear medicine imaging systems.

We are spearheading the transformation of the Single Photon Emission Computed Tomography imaging systems from analog to *digital* detection technology, enabling hospitals and clinicians to provide superior healthcare services at much lower cost.

We launched the world first *digital* cardiac dedicated SPECT system – the D-SPECT® Cardio system – in 2007. Since then, the D-SPECT® has become the system of choice for functional cardiac imaging hundreds of systems sold worldwide. The D-SPECT® employs *digital* detectors made of Cadmium Zinc Telluride (“CZT”), which along with ingenious hardware design, proprietary software and proprietary algorithms, enables imaging of cardiac patients at unprecedented speed, at a low radiation dose, and with superior image quality. The D-SPECT® is a platform for next generation imaging, and therapy guiding cardiac applications.

Recently we launched its multipurpose SPECT and SPECT-CT systems – the Veriton® and the Veriton-CT® – the Veriton® systems employ *digital* CZT detectors mounted on 12 robotic arms arranged at 360° around the patient. They are integrated with innovative hardware and software design that enables users to image multiple organs (brain, thyroid, cardiac, lungs, bones etc.) at high speed, low radiation dose, and with significant improvement in image quality. The Veriton-CT® system includes a high speed, low dose, 16 or 64 slice CT, which is upgradable to 128 slices. The Veriton-CT® provides best in class combined functional and anatomic images

Position Responsibilities

- Involved in the development of infrastructure SW components for all Windows based desktop applications and services
- Involved in the development of UI elements and business logic level (“client” side and “server” side)
- Design and implement tasks, debug, and maintain unit tests, compose design documents.
- Support the field in problems related to the development.

Experiences, Knowledge, Skills and Abilities

- Academic degree in computer science, computer engineering or close relevant faculty with excellent degrees.
- Proved experience of at least 3 years in industrial development in the same field.
- Excellent knowledge of .Net C# on a Windows platform.
- Experience in development of both server side and client-side applications and SW components
- Advantages: Experience in development of multi-disciplinary systems, especially medical systems
- Good knowledge of English and ability to communicate and write documents in English.
- Good teamwork.
- Ability for independent work and good learning skills
- Motivation for stressed work and flexible hours

Applications

Please submit job applications by email to HR@spectrum-dynamics.com