



SOFTWARE SYSTEM ENGINEER

OncoRes Medical was founded at the intersection of medicine, science and humanity to improve the accuracy of breast conserving surgery and eliminate the physical, psychological and economic burdens associated with repeat operations.

Our unique, informal culture champions vision, restlessness and humanity. Knowing we have an open and supportive team means each of us has the freedom to take responsibility and ownership. We have a shared passion to work restlessly, pioneering change to re-imagine the world, while remaining grounded in our commitment to science and quality.

Our passion for helping patients focusses us on the patient. We believe that all breast cancer patients deserve the opportunity to move beyond their breast cancer surgery knowing that all the cancer has been removed, the first time. In everything we do, we are thinking about how we can inch closer to a world free from re-excisions... We are going BEYOND BREAST CANCER

Overview:

The Software Systems Engineer at OncoRes Medical is responsible for leading the definition of system and design software requirements and architectures, and determining and managing software risk and traceability, supporting OncoRes Medical's product development software program. The successful candidate will be a key member of OncoRes Medical's Software Program Team and expected to work collaboratively within a multidisciplinary Research and Development group.

If you want to use your expertise to help build a novel, disruptive medical product that will impact the lives of millions of people around the world, get in touch! This is a unique opportunity to get involved in an early, rapidly growing company with significant growth and development opportunities for the right candidate.

Role:

- Captures inputs from Software, Hardware, Research and Clinical Teams.
- From Inputs, Elaborates System and Design Software Requirements.
- Maintains the Risk Register (Design, Process or Product) Portfolio.
- Identifies Software Risk Mitigation Requirements.
- Based on Requirements, elaborates System and Design Software Architectures.
- Creates Software Requirement Traceability and Coverage Matrices

Responsibilities:

- In collaboration with the Hardware Systems Engineer, Design and Manage the Requirements Management Systems.

- In collaboration with the Hardware Systems Engineer, Design and Manage the Risk Register Portfolio System.
- Operate within a Quality Management System (QMS) based on ISO 13485 and Risk Management Processes based on ISO 14971.
- Delivery of System and Design Software Requirements documentation to QMS and IEC 62304 requirements.
- Delivery of System and Design Software Architecture documentation to QMS and IEC 62304 requirements.
- Delivery of System and Design Software Risk Mitigation documentation to QMS and IEC 62304 requirements.
- Delivery of System and Design Software Requirements Traceability and Coverage documentation to QMS and IEC 62304 requirements.
- Serve as an ambassador to promote OncoRes Medical's core values; we are Inspired, Restless, Human and Visionary.

Qualifications:

- Minimum Bachelor's Degree in Computer Science or Engineering.
- Minimum 8 years software development experience.
- Demonstrable Safety Critical Systems development experience.
- Demonstrable Cross-Functional Team development experience.
- Strong collaborative Skills.
- Strong Software Design and Architecture elaboration Skills.
- Strong documentation Skills.
- Ability to remain professional and positive in all personal interactions, and work with honesty and transparency while being committed to doing what's best for our patients, customers, and company.
- Qualified candidates must be legally authorized to be employed in Australia.

Desirable Experience:

- Experience in Requirements Management.
- Experience in Risk Management.
- Experience with Requirements and Risk tools such as IBM Rational or Enterprise Architect.
- Experience with elaboration of Software function using UML or SysML.
- Medical or Regulated Device development experience.

Benefits:

- Comprehensive and competitive remuneration packaging including access to the employee stock ownership plan and phone allowance.
- A flexible and fun workplace where we understand that your life is more than your job.
- A rare opportunity to work closely alongside world class colleagues and mentors with many collective years' experience in all aspects of medical device development and commercialisation. All of us share a passion to work collaboratively where every voice is heard, and your personal professional development is a high priority.

OncoRes is committed to building and fostering an inclusive, diverse workplace. We believe the differing perspectives and experiences each of us brings inevitably increases innovation and teamwork, flowing into positive tangible outcomes.

To Apply:

Please submit a cover letter and CV addressed to Alex Campos (VP, R&D) to apply.

careers@oncoresmedical.com