



## **SOFTWARE DEVELOPMENT ENGINEER – HARDWARE ABSTRACTION LAYER (HAL)**

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 Development Engineer (Hardware Abstraction Layer) at OncoRes Medical is responsible for the evaluation, design, and implementation of HAL software components to support 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:**

- Implements Hardware Abstraction Layer (HAL) components used by the Clinical and Application Software Products.
- Develops HAL software components integral to the Clinical and Accessory Software Architectures.
- Verifies HAL components against the Functional Requirements of Clinical and Application Software Modules.

### **Responsibilities:**

- Delivers Verified HAL Software Components identified by the Application Software Lead.
- Ensures HAL Components are compliant to System and Design Requirements and Architecture.

- Ensures all development maintains the Software Design History File (DHF) to QMS and IEC 62304 requirements.
- Ensures all HAL Components have Design Verification records to QMS and IEC 62304 requirements.
- Collaborates with the Clinical and Applications Software Lead to ensure that HAL Components integrated within Clinical and Application Software Modules have Integration records that are compliant 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 4 years software development experience.
- Demonstrates a clear understanding of Hardware Abstraction Layer development.
- Experience in development in Windows Platform Technologies using C/C++ programming languages.
- Demonstrates a clear understanding of functional verification of software modules.
- 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**

- Commercial software development experience.
- Experience with HAL or device driver development.
- Experience with Windows Driver Development Technologies.
- Experience with documentation 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](mailto:careers@oncoresmedical.com)