

**Job Title:** Senior Software Engineer - APP (Windows)

**Reports to:** Software technical leader

**Date:** 3/15/10

**Description:** Design and develop the Windows Host Software Application for an X-Ray Control System. Write internal documents including functional and engineering specifications, project plans, and technical documentation.

**Duties & Responsibilities:**

- Define and develop overall application architecture and methodology for all product families.
- Develop new application software for X-ray control systems
- Define software build environment and release mechanism
- Provide leadership and guidance

**Qualifications:**

- Must have 3+ years experience in Software Development with 1-2 years experience in Windows Software Development.
- Ability to work well under aggressive time constraints and a fast paced work environment
- Must be a self starter, flexible and work with minimal supervision
- Must have a proven track record in bringing products to market.
- Must be willing to relocate to Florida.
- Experience with GUI driven application development.
- Knowledge in the development and use of MS SQL 2005 Stored Procedures and PostgreSQL Views and functions.
- Experience developing software applications for proprietary hardware products, from concept to customer
- Experience developing Windows Application using Ethernet and USB control mechanisms
- Experience developing applications for Real Time Operating Systems (QNX, VxWorks, GHS Integrity), or Linux Operating Systems (Open Source, MontaVista, Lynuxworks) a plus
- Must be flexible, have the ability to multi-task and present technical presentations directly to development engineering and management teams.
- Knowledge of Software Encryption/Decryption methodologies. Advanced Encryption Standard 256-bit (AES256) knowledge a plus.

**Education:**

- BS in CS or equivalent work experience.
- Programming Languages: C, C++, .Net, ASP, Visual Basic/C++, HTML, XML, C#, T-SQL
- Operating Systems: Windows (NT, 2000, XP), Linux
- Source Code Management: Clearcase, CVS, Subversion
- Desktop Applications: MS Word, Excel, MS Project, Outlook