## JOB DESCRIPTION

**CardioMag Imaging, Inc.**

### GENERAL JOB INFORMATION

<table>
<thead>
<tr>
<th>a. Position / Title</th>
<th>Full Time Software Developer</th>
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<tr>
<td>b. Department</td>
<td>New Product Development</td>
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<tr>
<td>c. Direct Report</td>
<td>Software Program Manager</td>
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### POSITIONS ACTIVITIES

This position reports to the Software Program Manager and assists in the development of software used for the acquisition, processing, analysis, visualization, and storage of medical data.

### GENERAL JOB DESCRIPTION

CardioMag Imaging, Inc. is searching for a Software Developer to design, code, debug, validate, and verify medical device software. Candidates must have excellent communications skills and be able to develop documentation associated with their code and projects. The individual must be policy oriented and able to follow a structured software development strategy.

### MAJOR AREAS OF RESPONSIBILITY

| a. Software design, Programming, and testing. |
| b. Software documentation |
| c. Work with marketing and R&D to produce various software packages, tools, libraries and drivers. |

### MINIMUM (REQUIRED) SKILLS/TRAINING

- Ability to program in C/C++ under MS Visual Studio environment
- MFC and Windows APIs Programming
- Expertise in OOA/D, UML Modeling, and Software Design Patterns
- GUI Development Experience

### DESIRED SKILLS/TRAINING

- C# and .NET Programming Experience
- Database programming with ODBC, MS-SQL, and others
- OpenGL and 3D Visualization
- Signal Processing Background will be helpful
- A good understanding of electromagnetic theory will be helpful
- Experience in software/hardware interaction and electronics control
REQUIRED EDUCATION
B.S with 5 years experience or M.S. in Computer Science, mathematics, engineering, or related field with strong computer, writing, and presentation skills.

WORKING ENVIRONMENT
CardioMag Imaging provides a dynamic environment where teamwork and individual expression of ideas are strongly encouraged. CMI is a start-up business designing, manufacturing, marketing, and selling a diagnostic device to the healthcare industry. The technical sophistication of the product and the demands of the marketplace require constant innovation and flexibility on our part.
U.S. citizenship or permanent residency is required for this position.

Submit resumes and cover letters to asad@cardiomag.com or careers@cardiomag.com