



SOLIDICA

Solidica, Inc.
1194 Oak Valley Drive
Ann Arbor, MI 48108
www.solidica.com

Job Description

Job Title: Firmware Engineer

Reports to: Firmware Manager

General Description:

Duties include design and implementation of Pantheon sensors firmware and software solutions used in industrial, military and commercial applications. Maintain and upgrade existing firmware base. Ensure code meets corporate standards. Participate in code design and implementation reviews. Interface with management to coordinate designs and engineering document release. Assist with hardware/firmware integration and initial debugging. Provide technical assistance for maintenance of existing products and troubleshoot production problems when required.

Main Responsibilities:

- Research, design, write, maintain and test new firmware and software applications
- Research new hardware components
- Assist marketing and sales to manage client expectations

Skills Required:

- 5 yrs embedded firmware development experience in C/C++
- Understanding of embedded microcontroller and their operation
- Experience with debuggers/emulators/logic analyzers
- Source code management experience
- Excellent oral and written communication skills
- Problem solving experience
- Ability to multi-task with ease
- Interpersonal skills
- Self starter and ability to work with minimal direct supervision

Skills Desired:

- Experience with ColdFire microcontroller family
- Experience with embedded RTOS's

Education Requirements:

- BS/MS in Computer Engineering or equivalent work experience

C:\Users\msamuelt\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\Z82C101T\Firmware Engineer 090611jgm.doc