

Firmware / Software Engineer

A firmware / software engineer is needed to create firmware for embedded instrument control and software for PC based machine monitor and control applications. This is a full time position based in our Cotati, California headquarters.

Those interested should Email or Fax resume, salary requirements, and references to:

Email: HR.Jobs@automationpartners.com

Fax: 707-665-3989

Position:

The successful candidate will have the expertise to implement and debug required features in embedded instruments for new product development as well as adding features to existing products.

Tasks:

- Collaborate with the engineering team on new product development
- Interface with marketing, sales, and hardware engineers to produce software and firmware design specifications.
- Create, debug, and document firmware for embedded systems in assembly, PLM, and C.
- Create, debug, and document software in C, C++, and Microsoft Visual Basic.
- Use standard hardware and software tools such as DVM, oscilloscope, and in-circuit emulators to debug and test hardware and firmware.
- Provide version control of developed code for all products.

Requirements:

- 5 years experience in embedded code development for instruments and industrial control applications.
- Good oral and written communication skills
- Knowledge of 8032 microprocessor architecture.
- Knowledge of 8032 assembly, PLM, C, C++, HTML, and Microsoft Visual Basic programming languages.
- Knowledge of general PC hardware architecture.

Base Office Location:

Cotati, California (Sonoma County)