

Requisition ID 153
Full-Time Position
U.S. Citizenship Required for this Position

Firmware Engineer

Brief Description of Job Duties:

- Programming RTOS embedded systems using C/C++
- Develop device drivers: RS232, SPI, I2C, Ethernet PHY
- Programming GUI application using C++/C#
- Maintain and enhance time and frequency product family

JOB REQUIREMENTS

The applicant ***MUST*** have the following qualifications:

- BSCE/BSEE or higher required
- U.S. Citizenship required
- Minimum of 4 years' experience in developing firmware for embedded systems using C/C++
- Knowledge in device driver development: SPI, I2C, RS232
- 2 or more years' experience in embedded multitasking RTOS such as MQX, FreeRTOS or equivalent
- Good knowledge of coding standard, source code control, bug tracking
- Know how to use/setup/configure common Electronic Test Equipment: Oscilloscope, EEPROM programmer, etc.
- Excellent troubleshooting skills
- Excellent written and verbal communication skills
- Self-motivated
- Attention to Detail
- Effectively manage time and tasks

Additional Desirable Experiences:

- Knowledge of Visual Studio C++/C#
- Familiarity with Linux operating systems
- Knowledge of Scripting Languages: Python, Perl, etc.
- Knowledge of Networking protocol: TCP/IP, SNMP, Telnet, SSH, NTP

E-Verify

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- E-Verify - https://e-verify.uscis.gov/web/media/resourcesContents/E-Verify_Participation_Poster.pdf
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If you are an individual with a disability or a disabled veteran and require a reasonable accommodation in applying for any posted position, please contact Human Resources at (714) 933-4000