sciemetric

Title: Firmware Developer

Responsibilities Include:

- Develop firmware for our Leak test devices.

- Perform debugging and provide technical support to service team

- Participate in requirements analysis and collaborate with internal teams to produce firmware design and architecture

- Revise, update, refactor and debug code

- Drive peer reviews and peer testing across different modules developed

- Develop documentation throughout the software development life cycle (SDLC)

- Serve as an expert on applications and provide technical support

Requirements:

- Strong experience with Embedded C programming

- Experience with RTOS

- Experience with development IDE - MCUXpresso(Eclipse-based development)

- Experience with serial/ethernet (TCP/IP, UDP)/I2c/SPI, CAN communication

- Experience working with file system

- Understanding of Storage Memory (Different Type of RAM & Flash)

- Familiarity with 32-Bit ARM Cortex-Mx

- Familiarity with source control management software (SVN, Git, Bitbucket)

- Excellent troubleshooting and communication skills

- Excellent written and verbal Communication (English)

- BE/BTech/BSc/MSc in Computer Science or related field

Assets:

- Experience with Industrial protocols like EtherNet/IP, PROFINET

- Knowledge of scripting languages (Python)

Experience: 3 - 8 years