

DATAFORTH CORPORATION is seeking an experienced Firmware and Software Design Engineer to join our product development team. We are a worldwide leader in Instrument Class Industrial Electronics - rugged, high performance signal conditioning, data acquisition, and data communication products that play a vital role in maintaining the integrity of industrial automation, data acquisition, and quality assurance systems. An Electronics Design Engineer with primary responsibility for Firmware and Software Development is sought to write microcontroller firmware and host application software for high performance analog signal conditioning and data acquisition and control products and to contribute to and support the designs of existing products.

Job Responsibilities:

As a Firmware and Software Design Engineer you will be part of a team responsible for developing firmware and host application software for the company's signal conditioning and data acquisition and control product lines. Structured code design and keen debugging skills are essential. In-depth knowledge of high performance analog and digital circuits is also required. You will be involved in the product development cycle from inception through manufacturing.

Specific duties:

- Develop firmware for analog and mixed signal board level products
- Generate circuit schematics and perform appropriate simulations
- Generate layout guidelines and work with CAD personnel
- Prove concepts through detailed analysis and building circuit breadboards
- Characterize prototypical product
- Design for EMC compliance
- Assist in the development of manufacturing test equipment hardware and software
- Assist Product Engineers in supporting products through the manufacturing cycle

Desired start date is March 1st (Tuesday)

THIS JOB ANNOUNCEMENT CAN BE FOUND ON [WILDCAT JOBLINK ID# 783419](#)