Dataforth Corporation

Electronics Design Engineer - Software Design / Firmware Design

Job Description

Dataforth Corporation is seeking experienced Software and Firmware Design Engineers 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. Electronics Design Engineers with primary responsibility for Software and Firmware Development are sought to develop host application software and microcontroller firmware for high performance analog signal conditioning and data acquisition and control products and to contribute to and support the designs of existing products.

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Job Responsibilities

Software Designers develop and maintain state-of-the-art user interfaces for the company's signal conditioning and data acquisition and control product lines. Firmware Designers develop and maintain essential microcontroller code for modern SoC devices fundamental for distributed data processing. Structured code design, keen debugging skills, and familiarity with common development tools are essential. In-depth knowledge of high performance analog and digital circuits is beneficial. Dataforth design engineers are involved in product development from inception through manufacturing.

Software Skills
  •   C#, Visual Studio, GUI, Embedded Linux, Java, HTML, Python, Node.js

Firmware Skills
  •   C, C++, Visual Studio, RTOS, Ethernet, USB, A/D & D/A