

Position: Embedded Software Engineer (Cincinnati, OH)

Description: The Embedded Software Engineer designs, tests and validates firmware within embedded electronic control units. This position will support existing products, as well as develop new products to meet customer needs and requirements. You'll be a key part of a small team of engineers at Performance Electronics developing embedded control systems. You'll be hands on with our products from initial prototype all the way to production. Performance Electronics is constantly looking to improve our process and technology – come explore, learn, and deliver with us. Please note, the company will not sponsor a Visa for this position.

Company Description: Performance Electronics (PE) is an engineering company specializing in the design and manufacture of embedded electronic control systems - serving clients in the automotive, industrial, and aerospace sectors. PE has extensive experience in all aspects of control system design, integration, testing, production and life cycle management.

Required Skills

- Bachelor's degree in Computer Engineering, or Electrical Engineering.
- Minimum of 2 years of experience, relevant Co-Operative experience will be considered.
- Experience using C/C++ to develop embedded firmware.
- Experience working with one or more of the following embedded communication protocols: RS232, SPI, I2C, Ethernet, USB, CAN.
- Ability to utilize common electronic test equipment: DMMs, oscilloscopes, function generators, logic analyzers, etc.
- Self-starter with strong organizational skills and ability to work both independently, and within a team.

Preferred Skills

- Experience developing PC applications with C#
- Experience using GIT or equivalent version control system.
- Experience working with Real-Time Operating Systems.

Job Duties:

- Design, document, implement, test and validate embedded system firmware for both new and existing electronic control products.
- Collaborate with Electrical Engineers and Test Engineers to produce a fully integrated product that will meet customer needs and requirements.
- Create and/or update technical documentation for new and revised code.
- Other duties as assigned.

How to Apply: Email your resume and cover letter to: HR@pe-ltd.com.