



Electrical Engineering/Controls Engineer

Primaira, LLC, a product development company providing engineering services to clients in the consumer products, appliance, medical and defense industries, is searching for a talented electrical engineer to conduct product development work. Product development work will focus on design, prototyping and testing activities incorporating embedded controls into electro-mechanical products and systems.

Skills Required

The candidate must be experienced with embedded control design and testing in order to work independently with minimal technical guidance within teams of mechanical engineers, designers, and technicians. We are looking for a candidate who can specify, design, prototype and test embedded system hardware. In addition, the candidate should have basic programming skills, particularly as it relates to integrating firmware to implement control algorithms and user interface devices. Candidate must be able to provide documentation of designs including specifications, functional block diagrams, process and instrumentation diagrams (P&ID), and wiring diagrams.

This engineer will support or lead hardware development projects involving lab-based testing and analysis. The candidate must have excellent lab skills, including familiarity with instrumenting test set-ups with sensors and transducers. Familiarity with digital multimeters, digital oscilloscopes, differential probes, current clamps etc. is required. Candidate must have the ability to provide hands-on support for data acquisition (DAQ) set up and design (National Instruments, DASYS Lab, Labview, process controllers).

It is preferable for the candidate to also have experience with compliance testing standards and protocols, such as UL, CSA, military, medical, and consumer product testing and certification.

Candidate will be responsible for documenting, analyzing and communicating results. It is essential that the candidate have excellent verbal and written communication skills.

Being a Start-up, the company's activities are fast-paced and dynamic. The candidate will work with experienced engineers and technicians to develop novel products and systems.

Educational Background

BS or MS in Electrical Engineering

Previous Work Experience

>5 years design and development experience, including design, layout, programming, and testing/experimental work

Additional Requirements:

Previous experience in a research or product development environment is a plus.



Candidate must be self-motivated and able to work independently. We are looking for a person with intellectual curiosity, high energy, and a can-do attitude. The candidate must be comfortable and experienced with lab work and hardware development.

Salary/Benefits

Primaira LLC is located in Woburn MA. Primaira offers a competitive salary and excellent benefits, including health insurance and a 401K plan. Salary will be commensurate with experience and skills.

Please review our websites at www.primaira.com and www.bluezone-technology.com