Control Systems Engineering Intern

High Technology, Fast Growing, Entrepreneurial Start-up company is seeking a Control Systems Engineering Intern

Minimum Education: 2 years college education working towards a Bachelors Degree and has taken EECS 373

The Intern will be asked to assist in developing control circuitry for a portable fuel cell system. Knowledge of analog and digital circuits is required along with an ability to program in C.

Equipment used: Testing includes the use of equipment such as DC electronic load, multi-meters, oscilloscopes, signal generators, CAD tools, control board emulators, and power supplies.

The ideal candidate possesses both strong analytic skills and an ability to think outside the box to create solutions. The intern will:

-Assemble test prototype circuits.
-Write and debug software algorithms.
-Select circuit parts using engineering tradeoff techniques to come up with an optimal solution.
-Communicate with suppliers, sales reps and fellow employees to convey ideas and goals.
-Be comfortable working independently with minimal supervision.
-Successfully handle multiple priorities simultaneously.

Knowledge of embedded systems software development a must (bus communications, PWM control, A/D Conversion, etc.)
Familiarity with Spice or a schematic capture suite (PADS, Orcad, etc) is a plus.

To be successful at this position, you must like a fast paced, changing environment and be a hands-on person. We are a young, dynamic, growing company seeking people with the right entrepreneurial mindset to be part of the future of the fuel cell marketplace.

- Must be able to work in a fast paced, flexible work environment. We are a small R&D company expanding rapidly with manufacturing goals in the very near future. Each employee is critical to the success of this entrepreneurial startup company.
- A successful candidate will love to tear things apart just to see how it works. We are seeking a hands-on individual who has a thirst for innovation and a desire to work in a dynamic environment.