

Senior Software Engineer

Protonex Technology Corporation is seeking a talented Senior Software Engineer to work in its Southborough, Massachusetts office. The Company is a leading provider of fuel cell power systems and is currently positioning itself for the rapid growth that will accompany the launch of several new product platforms in 2010 and beyond.

The Company's culture is dynamic and ideal for individuals who are motivated by talented co-workers, cutting edge technology and aggressive goals. The ideal candidate will possess relevant experience in all areas, a dynamic personality in dealing with all levels of management and be comfortable working in a fast-paced, high-growth environment.

Experience should include the following:

- 10+ years of product design / development engineering experience as part of a multidisciplinary development and commercialization team.
- Able to work independently and is comfortable interacting with cross-technical teams to come up with sustainable product solutions.
- Able to synthesize software requirements based on system performance parameters.
- Can lead software design efforts operating independently.

Skill requirements include the following:

- Proficient in object oriented design techniques. Mastery of C++ is required.
- Ability to drive software architecture and design methods as needed.
- Demonstrated experience with embedded systems software design and testing. Applicant must have a deep controls background and history of embedded product development successes. A medical, industrial or automotive background would be ideal.
- Demonstrated experience with motion controls, fluids controls, sensing, filtering, data collection, and thermal management using object oriented techniques is required.
- Demonstrated experience with Linux systems and kernel porting for embedded applications is desired. Must be able to develop driver level and application level software as needed.
- Comfortable working closely with specialized application specific hardware. Must be able to read schematics and operate an oscilloscope.
- Familiar with common serial and IP communications protocols run over Modems, USB and Ethernet. Able to implement and test common protocols on embedded devices.
- Windows application programming experience is highly desirable; but not a major element of this position.
- Bachelor's Degree in Software or Electrical Engineering required. Dual EE/CS degree is a plus.
- Direct experience with fuel cells and/or start-up companies is not required.

Protonex' compensation package includes a competitive base salary, a full Company benefit plan and a stock option package. The Sr Software Engineer will be based in Massachusetts and will be expected to travel less than 10% of the time. **U.S. Citizenship or permanent residency is required.**

Location: Southborough, Massachusetts, Boston metro area. No relocation benefits available.

Interested candidates may submit resumes via www.protonex.com