SENIOR EMBEDDED FIRMWARE ENGINEER

Developing code for another revision of the same product? Do you feel that you could craft wonderful products if you could innovate more? Would you like to see more of your engineering at work improving people's lives?

Egret Technologies is expanding through a growing reputation for innovative product development and client satisfaction. We have become a go-to organization for wireless medical device design. We're adding new staff who can turn our clients' thoughts into new, life-changing products.

PURPOSE OF THE JOB:

The position is for a senior embedded firmware engineer with expertise in developing and integrating embedded systems. You will solve complex technical and systems challenges across the medical electronics field. You will work with our clients to determine requirements for novel product concepts and participate in the creation of original electronic solutions.

TYPES OF WORK:

The products that we develop range from body-worn, battery-operated wireless sensors to laboratory blood diagnostic equipment. We work on orthopaedic surgical electronics and bionic pancreas devices for blood glucose regulation. Each project is different and we are involved at all stages of the product development lifecycle. Wireless technologies are deployed in many of our products, as are consumer electronics-type interfaces.

RESPONSIBILITIES:

You will be required to:

- Understand client requirements and drivers, and foresee technical challenges using your analytical skills and engineering experience
- Participate in the definition of technical architectures and detailed designs for the firmware of medical devices
- Create robust designs that meet user needs and client business-driven goals
- With the electrical engineering team, prototype and test products and transition products to manufacturing
- Maintain and document firmware designs through a product development process

QUALIFICATIONS:

- Undergraduate degree in Electrical Engineering/Computer Science
- Knowledge of C, C++, C#
- Experience developing firmware for microprocessors, digital and analog circuitry
- Familiarity using Lab Test Equipment
- Excellent written and oral communication skills to support interaction with customer representatives, team members, and internal management.
- Ability to work in a fast paced / dynamic team environment and possess time management skills to meet schedules

Experience with wireless communications protocols such as WiFi and Bluetooth LE is a plus.

Egret Technologies delivers product design and engineering services to speed business success. We work for global vendors who require superior technical knowledge, current regulatory experience and an acute awareness of their business and financial goals. Egret Technologies' expertise gives clients technology advantages and market leadership. Our sole focus is "turning innovation into profit." Contact Egret Technologies at (954) 518-9645 or HumanResources@EgretTechnologies.com