



TITLE: Controls Software Engineer

Looking to Improve People's Lives? To Defy Gravity? Then Gorbel is the place for you!

Gorbel is an innovator and leader in intelligent lifting and medical rehabilitation devices. We provide our patented intelligent lifting devices to the material handling industry, along with a wide variety of overhead material handling solutions that handle loads from 50 lbs. up to 40 tons. We are also on the leading edge of gait and balance rehabilitation with our patent pending SafeGait™ 360° Balance and Mobility Trainer. Designed with patients and therapists in mind, SafeGait offers a safe, more efficient alternative to traditional gait and balance therapy.

Gorbel has an immediate opportunity for a motivated, self-starting Controls Software Engineer with expertise in the development of embedded product software for our state of the art medical and material handling products. This position requires the ability to conceptualize, develop, implement and maintain new and existing product designs using sound engineering principles.

As a Controls Software Engineer, you will:

- Be part of a team that develops market leading embedded product software
- Work with customers to turn their requirements into leading edge products
- Collaborate on teams to provide integrated, reliable, effective solutions
- Design complex algorithms involving servo control, system identification and signal processing

To be successful, you will need:

- A Bachelors Degree in Mechanical Engineering, Electrical Engineering, or a related degree
- Experience with motion control using servo, AC or stepper motors
- Experience with PID closed-loop controller design and tuning
- Experience with C/C++ and Visual Basic or Basic language
- Experience with embedded controller design and programming
- To be detail oriented and quality focused

It would be nice if you had:

- A relevant Graduate Engineering Degree
- Experience with medical or material handling products
- Experience with software tools such as Matlab and Microsoft Excel

Gorbel®, Inc. is an equal opportunity employer.