

## **Job Description - Senior Software Engineer for De-Stress/High Performance Technology**

You have already had a successful career and want to engage with a mission to make a difference in our stressed-out world. You care about transforming the lives of people suffering from the effects of stress, performance or relationship problems by creating cool technology products that are easy and fun to use. Our patented biofeedback technology analyzing Heart Rate Variability (HRV) trains people to take charge of their health, well-being and performance anytime, anywhere. It is based on pioneering, exciting research. Join our company and help lower the stress levels for adults and children.

Additional benefits to you - casual dress, friendly culture, focused and creative high tech environment, beautiful mountain town with hiking, running and biking right outside the office. We have our own lunch caterers with gourmet, healthy food.

Quantum Intech, Inc. (QI) is an early-stage technology company on a mission to create a fundamental shift in human health, well-being and self-care through the electronics we use everyday [www.quantumintech.com](http://www.quantumintech.com) . It is a spin-off from the non-profit research and education organization Institute of HeartMath, founded in 1990 [www.heartmath.org](http://www.heartmath.org) and HeartMath LLC [www.heartmath.com](http://www.heartmath.com) We already have over 50,000 people stressing-less because our technology is on their computers, revealing their stress level and giving them real-time feedback. Plus it shows them how to de-stress and shift into higher performing states by learning to reboot their mental-emotional-physical *internal* operating system. We currently ship products running on personal computers and as stand alone devices called emWave. ([www.emwave.com](http://www.emwave.com))

This is your opportunity to be innovative, flexible, self-directed and bring your software engineering skills to our dynamically growing organization. We are looking for a creative engineer, who has a passion to invent and implement new software products that help people. Apply if you care and are a team player willing to share, discuss, and brainstorm ideas. Your job will be to develop enhancements to our existing Windows application and move beyond the conventional architecture to create a modular platform running in a range of deployment environments. You must be resourceful and able to overcome new challenges using insightful engineering skills coupled with innovative approaches. Responsibilities include specifying requirements and implementation based on user requirements and strategic business directions and management of the development cycle: Architecture, Implementation, Debugging, and Documentation. The Windows implementation is based on Visual C++/ MFC and Flash, and InstallShield Installer; Mac OS X uses XCode and Flash. Your areas of development will include Hardware interfaces, DB/ODBC development in multi-user environments, Network services, User interfaces including graphing and localization, External interfaces (SDK), HTML frameworks & ActiveX.

You have a versatile background with 5+ years experience developing commercial consumer Windows desktop applications using Visual Dev. Additional experience in developing drivers, working on Linux and Open Source projects, and Macintosh OS X applications using XCode/Objective C and Cocoa/Carbon are a plus. A graduate degree in computer science or related fields, or equivalent experience, is desirable. You have a demonstrated capability to develop multi threaded TCP/IP based client/server applications; a demonstrated capability to develop database (ODBC) applications in a

multi user environment, and a demonstrated capability to develop and follow processes to manage software development from requirements to shipping. You are proficient in designing and developing GUI based consumer applications. You also have experience with HTML/XML presentation layers and ActiveX. The following experiences would also be a plus: Understanding .Net Framework and C#; Flash development experience; Java and Perl programming experience; and a firm understanding of Unix and web technologies.

Your initial engagement will be on a contract basis. If everyone is happy, your relationship will convert to a permanent employment. Initially, you'll work from your home office in the Bay Area and/or from our Boulder Creek, California office. As we grow, we'll be expanding our sales and engineering teams to offices in Los Gatos or Campbell. In this executive level role, you will have significant influence over the direction of the company and its success. Commensurate with that impact is potential for a meaningful equity stake.

Please send resumes as text in the body of an email (no attachments please) to [resumes@heartmath.com](mailto:resumes@heartmath.com). In the subject line of the email, include "Resume" and the title of the job for which you are qualified. Only resumes related to the specific current open positions will be reviewed.

Related keywords: biofeedback, HRV, heartbeat, stress reduction, software development, Windows, C++, MFC, C#, Macintosh OS X, XCode, Objective C, Cocoa, XML