

From: Sandy Perlman [mailto:sp@ct-search.com]
Sent: Thu 12/14/2006 1:53 PM
To: Miller, Andrew Nicholas
Subject: Acoustics Engineering help

I found your contact info from www.acoustics.org. I know that you work as a consultant but I was hoping you might know an Acoustics Engineer that would be interested in a fulltime position.

My client in Silicon Valley (Mountain View, CA) is looking for an acoustics engineer. This is a fulltime role.

Our client provides advanced noise suppression solutions for enhanced voice communication to the mobile, VOIP, PC and auto markets. Their proprietary technology, derived from human hearing biology, allows the complete removal of the most difficult and distracting noises from voice, enabling clear communication and greater network efficiency.

Job Description:

Evaluate current communication devices and design new prototypes with optimal microphone placement and acoustic pickup response to meet predetermined specifications.

Simulate various acoustic designs then build a prototype that produces the simulated results within specifications.

Develop calibration procedures for engineering prototypes.

Job Requirements:

Eligible candidates must have proven experience in acoustics engineering.

All facets of installing and testing MEM microphones as well as electret condenser microphones including omnidirectional, unidirectional, and noise-canceling.

Wireless handset speaker enclosure design and packaging.

Wireless handset microphone mounting design and packaging.

Analytical and simulation tools for designing prototypes and comparing results.

Development of calibration procedures.

Design for manufacturing variability.

Similar experience with mobile headset devices.

Skills:

Excellent written and verbal communication skills; create documentation for design and test procedures.

Knowledge of measuring various acoustical characteristics including: SPL, distortion, frequency response, directivity index, acoustic SNR.

Ability to calibrate and use industry standard measurement equipment such as a head and torso simulator.

Basic principles of electronics including circuit integration into other devices or test equipment.

Experience with hands-on building of prototype samples preferred.

Min. BSEE plus 5+ years of experience in acoustics engineering or related field.

If you know someone that would be a good fit, please forward this email to him or her. If you want to apply, reply to this email with your resume. For more information, send an email to info@ctsearch.com.

Sandy Perlman

Principal & Senior Recruiter, BSEE

408-723-0560

<http://www.ctsearch.com> <<http://www.ctsearch.com/>>

<https://www.linkedin.com/in/sandyperlman>

In business since 1989, CTSearch is an independent high technology search firm that specializes in placing technical professionals into high technology companies.