



Think-A-Move, Ltd.
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Company: Think-A-Move, Ltd.
Location: Beachwood, OH
Base Pay: Competitive
Other Pay: Performance bonus, full benefits
Employee Type: Full-Time employee
Job Type: Senior DSP Algorithms Engineer

Job Code: 1031
Required Education: Ph.D. or Master Degree
Required Experience: At Least 2 Years
Required Travel: 0 - 10%
Relocation Covered: Negotiable
Posted Date: Feb 12, 2010

Senior DSP Algorithms Engineer

Think-A-Move LTD is a rapidly growing company, which develops leading edge device control and communication products, using advanced signal processing and speech recognition algorithms for processing acoustic signals such as speech and ambient noise. Think-A-Move is looking for exceptional DSP algorithm engineers, highly-motivated self-starters, who enjoy tackling complex development problems. The job duties include

- Design advanced scientific algorithms in Matlab.
- Port Matlab code to C/C++ software libraries.
- Implement proprietary algorithms into DSP code using Matlab, C or assembly code.
- Optimize DSP code for low power, memory size and real-time processing requirements.
- Design, code and test the DSP software in both an independent and team setting.

Additionally, because of research and development emphasis on signal processing (echo cancellation, noise reduction, etc.) and speech recognition, the company will place premium compensations on individuals who have substantial expertise in those fields.

Requirements:

- **Education:** Ph.D. or Master Degree in electrical engineering, computer science, or related field.
- **Work Experience:** At least 2 years of experience in developing DSP software and algorithms for audio or speech based projects.
- **Desirable Skills:** Experience in echo cancellation, noise reduction, or speech recognition
- **Software Skills:** Matlab, C/C++, ARM and/or DSP Assembly Language (Bluetooth stacks is a plus)

If you are a result-oriented professional looking for a challenging and rewarding career in a high-growth company, please forward your resume to: Alex Tenenbaum at atenenbaum@think-a-move.com. You will be contacted if selected for an interview.