

Digital Signal Processing (DSP) Software Engineer (CMS167/CITY_CS)

To cope with our business growth, we are looking for a high calibre candidate with strong Digital Signal Processing (DSP) programming experience. As a member of a team, you will be working with top electronic MNCs on building and producing innovative product lines.

Responsibilities:

- Develop the professional audio digital mixer by DSP Programming with ADI processor
- Understand the end-to-end DSP pipeline and how the algorithms best map to single and multi-core processor architectures
- Develop the theoretical algorithms and coding of audio signal processing such as EQ, delay, compression, noise gate, reverberation, etc.
- Implement the software development with Digital Audio Mixing and Digital Audio Effects (FX)

Requirements:

- Bachelor Degree or above in Computer Science, Computer Engineering, or Electronics Engineering majoring research in Digital Signal Processing (DSP)
- Hand-on experience in DSP Programming will be an advantage
- Familiar with embedded C programming and knowledge of assembly and optimization
- Knowledge of Digital Audio Mixing and Digital Audio Effects (FX) implementation and MATLAB
- Working knowledge of ADI processor (e.g. SHARC, Blackfin) is highly preferred
- Experience on troubleshooting real-time hardware systems
- Good command of both written and spoken English
- Frequent travel to Shenzhen R&D office at least 3 days per week

We offer attractive remuneration package including 5-day work, flexible work hours and other benefits to the right candidate. Interested parties please forward full resume with expected salary and quote job reference number to

VTech Group of Companies,
The Human Resources and Administration Department,
23/F, Tai Ping Industrial Centre, Block 1,
57 Ting Kok Road, Tai Po, Hong Kong

For more information about us, please visit our website at: www.vtech.com

All applications will be used for the purpose of recruitment only. Applicants not invited for interview within 4 weeks may consider their applications unsuccessful. We will retain the applications for a maximum period of six months and may refer them to suitable openings within our Group.