



HAIQING LI

AUDIO ALGORITHM ENGINEER

Male, 25, Master of Arts of 2019

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EDUCATION

Master of Arts	Music Technology	Shanghai Conservatory of Music	2015.9 - 2019.6
	Acoustics, Music Theory, Music Production, App Development.		
Bachelor of Engineering	Civil Engineering	Tongji University	2011.9 - 2015.6

EXPERIENCE

Hardware Development	Shanghai Win-Electr Electronic Technology Co., Ltd.	2016.5 - 2017.9
	<ul style="list-style-type: none">• Independent Library Development on MIDI File I/O (in C, See GitHub)1. In "LeEco TV Smart Piano" project, provided dev team a MIDI file I/O library - of good readability and ease of use, with strict error return - in order to avoid limitation by using original library;2. Developed batch tools upon the library developed, which filtered and formatted near 1k MIDI music files instead of human, reduced manual workload dramatically.• Embedded System Development on Electric Piano DSP (in C)1. Read through English versions of dev manuals and MIDI Standard, and translated them into Chinese ones with graphs for team to refer to;2. Converted dozens of client's requirements into development needs;3. Tweaked and improved rhythm module, which has been compiled into 3 products.• Optimization on Electric Piano Patch (Timbre)1. Mastering LPCM audio file structure, audio editing and synthesizer operation;2. Fixed distortion and detune problem, refined velocity layers, improved envelope.	
Overseas Business	Yoozoo Pictures	2015.1 - 2015.6
	<ul style="list-style-type: none">• Cooperation with YG Entertainment: Wrote mails and slides in English, discussed with YG on "Movies-Games-Idols" joint venture project during employment.• Korean Branch Office Setup: Acted as oral interpreter on site selection meeting with Koreans, and was responsible for later progression.• Data Analysis on Box Office: Wrote a research report on 2012-14 global movie market box office, which provided CEO a data reference for movie investment.	

MUSIC SKILLS

Production	Expert in PA and recording. Produced two music albums of different genres.
Performance	Mastering jazz harmonics and guitar improvising, experienced in performance;
Management	Former president of Guitar Association of Tongji University. Raised funds near 10k and held 500-audience show event three times successfully. As an independent manager, held live shows at famous live houses of Shanghai over 10 times. In good relationship with many outstanding musicians.