

Chen Liang

T (412) 961 4600
B chenlian@andrew.cmu.edu
chenliabox.com/eng/
Carnegie Mellon University



To obtain a full-time position where I can utilize audio & computer engineering expertise.

Education

In Progress

2014
2016

MSc in Music and Technology, Carnegie Mellon University, Pittsburgh, U.S.

Completed

2014

Stanford Laptop Orchestra Seminar, Stanford University, Beijing, China.

2010

2014

BSc in Electrical Engineering, Beihang University, Beijing, China.

Relevant Courses

Computer Science

– Introduction to Computer System(15213)

Signal Processing

- Advanced Digital Signal Processin
- Machine Learning for Signal Processing
- Pattern Recognition

Sound Engineering

- Electroacoustics
- Sound Recording

Skills

Programming Languages

General Python

Music Chuck, Pure Data

Visualization Processing, D3.js

Other Matlab

Digital Audio Workstation

Pro Tools, Audicity

Experience and Honors

2015

Intern, Musixmatch, Bologna, Italy.

- Developed a subtitle-music alignment system using Python;
- Studied and visualized relations between lyrics & history/audio & emotion using D3.js.

2014

Developer, Course Projects, Pittsburgh, U.S.

- Developed a 2D Super Mario-like game;
- Developed a watchface sensitive to gravity showing current time with collisions on Pebble.

2013

Honorable Mentions, Mathematical Contest in Modeling.