

Tiankai Li  
347 419 0121 • tl2706@nyu.edu

EDUCATION

**New York University**, Steinhardt School Of Culture, Education, and Human Development, NY Sept 2019-Present  
Bachelor of Music, Music Technology GPA: 3.62 Sept 2019 - May 2023  
Master of Music, Music Technology GPA: 3.85 Sept 2023 - Present  
*Relevant Coursework: Music Info Retrieval, Deep Learning With Media, C Programming For Music Tech, Music Psychology*

TECHNICAL SKILLS

**Operating Systems:** Windows, MacOS  
**Programming Languages:** Python, C, C++, R  
**Software Proficiency:** Microsoft Office, Excel, Quadratics

PROJECTS

**Hand Pose and Instrument Control** Spring 2024

- Training Java-based machine learning model for hand gesture recognition
- Design instrument through real-time data transmission in Max patch

**Procedure Audio Generation:** Fall 2023

- Develop Max patches to imitate realistic sound-based flight patterns of a fly
- Design a repetitive stereo panning pattern to create the effect of a fly's moving

**Interactive Music Interface:** Fall 2023

- Create a graphic interface that reacts to the rhythm of music
- Design 2D and 3D visual patterns in Max patches

**Genre Classification Model** Spring 2022

- Using K-nearest neighbor classification, training through the GTZAN dataset
- Extracting data using MFCCs, plotting matrix for results with 50% overall accuracy

EXPERIENCE

**Research On Emotional Music Recommendation Methods: a Thesis Project** Mar 2024 - Present

- Develop qualitative studies about the impact of emotions on music preferences
- Collect and analyze surveys and interviews regarding emotional music satisfaction

**Studio Intern at James L. Dolan Studios, New York** Spet 2022 - Dec 2022

- Assist engineers in setting up and running the session, troubleshooting signal flow
- Help clients adjust to the studio environment.

**Studio Intern at Quad Studios, New York** Jun 2022 - Aug 2022

- Setting up recording sessions, test patching, and microphone
- Equipment maintenance, hardware checking

**Studio Technician at Steinhardt, New York University, New York** Oct 2021- Dec 2021

- Troubleshoot audio equipment during studio sessions and resolved issues efficiently.
- Assist students with audio-related assignments and consulted problems to the intern group

**Audio Department Internship At Netease Youdao, China** Jun 2021 - Sept 2021

- Composed score for online preschool short educational videos through Logic Pro X
- Post-processing dialogues, adding sound effects, and loudness control

**Independent Artist, Netease Music, China** July 2017 - Present

- Tracked, produced, and mixed over 60 original songs in the styles of pop, folk, and EDM
- Apply self-promoting to attract over 350,000 streams in total

AWARDS

Golden Prize (1/80,000), China's Art Celebration, Vocal Category 2016  
2nd Prize (1/4000), Star of Outlook English Song Competition 2016  
Certified level 10 baritone singer, Hangzhou, China 2016