Yi Deng

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EDUCATION BACKGROUND

New York University (NYU)   **01/2021-Present**
- Music Technology MM, graduate in Spring 2023
- Courses: *Mixing in DAW, Adv Computer Music, Grad Fundamentals of Music Technology*

Communication University of China (CUC)   **09/2016-07/2020**
- Recording Arts (Recording Engineering), Bachler of Engineering
- Selected Honors: China Media Group Scholarship (top 1%), Outstanding Graduates (top 4%)
- Courses: *Audio System Engineering, Principle of Audio System, Principle of DAW, Recording of Pop Music, Recording of Classic Music, Stereophonic Microphone Technique*

INTERNSHIP EXPERIENCE (click the underscored title to get the link of the selected work)

Byte Dance (AI-Lab Speech & Audio Team)   **02/2020-07/2021**
- Participated in projects related to text-to-speech (TTS) and music information retrieval (MIR) of TikTok, Capcut, etc.
- Arranged and mixed for music generated by deep learning models for team promotion and project requirements: AI-powered education, virtual singer, AI-aided music production, voice conversion.
- Recorded datasets for speech and singing synthesis (TTS) in studios.

Rhymoi Music   **12/2019-01/2020**
- Organized and edited 5 albums for the *"Chinese Music Map"* project, funded by National Art Fund.

National Centre of Performance Arts of China   **07/2019-08/2019**
- Participated in recording and rebroadcasting of concerts and operas.
- Assisted with the microphone set up and recording system connecting.

O2 Studio   **07/2017-08/2017**
- Recorded songs for artists and TV series.

PROFESSIONAL PROJECTS (click the underscored title to get the link)

- ***Floating:*** studio recording and mixing
- ***Good Night, Firefly:*** scoring, sound designing and mixing
- ***Liuliudashun:*** concert recording and mixing
- ***Madabao Drunk:*** mixing
- ***My Plan:*** composing, arranging, singing and mixing
- ***Scrap Metal:*** concert recording and mixing
- ***Shanghai Beach:*** concert recording and mixing

PUBLICATION

- Yusong Wu, Ethan Manilow, **Yi Deng**, Rigel Swavely, Kyle Kastner, Tim Cooijmans, Aaron Courville, Cheng-Zhi Anna Huang, Jesse Engel: *MIDI-DDSP: detailed control of musical performance via hierarchical modeling.* **Submitted to ICLR 2022, average rating of 8 in initial review.**
- Yuanbo Hou, **Yi Deng**, Bilei Zhu, Zejun Ma, Dick Botteldooren: *Rule-embedded network for audio-visual voice activity detection in live musical video streams.* In ICASSP 2021-2021 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2021).