Zehao Wang

Department of Music, University of California, San Diego, 9500 Gilman Dr., La Jolla, CA 92093

📱 +1-8586251990 or +86-17600734556 • ✉ water45wzh@gmail.com

🌐 [musicgrad.ucsd.edu/ zehaowang](http://musicgrad.ucsd.edu/zehaowang)

Education

UC San Diego — **California, U.S.A.**
Ph.D. student in Computer Music — *2021 - Present*
Department of Music

Peking University — **Beijing, China**
B.S. in Math — *2017 – 2021*
School of Mathematical Sciences

Experience

Academic

New York University Shanghai — **Shanghai, China**
Music X Lab — *May 2020 - Jul 2021*
Host: Prof. Gus G. Xia

School of Psychological and Cognitive Sciences, Peking University — **Beijing, China**
Bao Lab — *Mar 2020 - Jul 2021*
Advisor: Prof. Yan Bao

School of Mathematical Sciences, Peking University — **Beijing, China**
Deep Leaning Lab — *May 2019 - Sep 2020*
Advisor: Prof. Zhanxing Zhu

Wangxuan Institute of Computer Technology, Peking University — **Beijing, China**
Digital Audio Lab — *Apr 2018 - Dec 2019*
Advisor: Prof. Xiaoou Chen

Industry

TikTok, ByteDance — **U.S.**
Research Intern — *Jun 2022 - present*

Yamaha — **Japan**
Research Intern — *Mar 2022 - Jun 2022*

ByteDance — **China**
Research Intern in AI Lab — *Nov 2020 - Mar 2021*

ByteDance — **China**
Research Intern in AI Lab — *Dec 2019 - Sep 2020*

Microsoft — **China**
Research Intern in Speech Group — *Jun 2019 - Dec 2019*

Teaching and Other Music Experience

Academy of Opera, Peking University — **Beijing, China**
Adjunct Piano Accompanist — *Apr 2019 - Jul 2021*

- Working for rehearsal and concert, including art songs, chorus and opera.

Teaching

- Teaching assistant:
  - MUS175, Musical Psychoacoustics, 2022 Spring, UC San Diego
  - MUS174B, Audio & MIDI Techniques II, 2022 Winter, UC San Diego
  - MUS174A, Audio & MIDI Techniques I, 2021 Fall, UC San Diego

- · Economics and Computation, 2019 Summer, Peking University
- Lecturer:
  - · American Mathematics Competitions (in English), 2020 Summer, Online
  - · Mathematical Olympiad, 2017 Summer, Zhengzhou No.1 High School
- **Other music experience**
  - Independent music producer (on Xiami Music & Netease Music)
  - Orchestra and choir arranger
  - Piano accompanist, chamber music conductor

Skills

- **Programming:** Python>=Matlab>C++=Java=HTML=Julia
- **Framework:** Pytorch & TensorFlow (Deep Learning); React.js (Front-end); JUCE, Csound, Supercollider, Puredata and Faust (Music Related)
- **Language:** Chinese(Native), English(Fluent)

Honors and Awards

The **First Prize** of Contemporary Undergraduate Mathematical Contest in Modeling	Sep 2018
The **Silver Medal** of 32nd Chinese Mathematical Olympiad	Dec 2016
The **Second Place** of 32nd National Mathematics League in Henan Division	Sep 2016
The **Third Place** of 13th Chinese Southeast Mathematical Olympiad	Aug 2016
The **First Place** of Pearl River - Kayserburg International Youth Piano Competition	Aug 2015
The **Second Prize** of Musical Ensemble Track in Art Festival of Henan Province	Jul 2015