

XUEYAO ZHANG 张雪遥

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PUBLICATIONS

1. **Xueyao Zhang**, et al. Structure-Enhanced Pop Music Generation via Harmony-Aware Learning. *Proceedings of the 30th ACM International Conference on Multimedia (ACM MM 2022)*. [Paper] [Code] [Demo]
2. **Xueyao Zhang***, Liumeng Xue*, Yuancheng Wang*, Yicheng Gu*, et al. Amphion: An Open-Source Audio, Music and Speech Generation Toolkit. [Technical Report] [GitHub] [HuggingFace]
3. **Xueyao Zhang**, et al. Leveraging Content-based Features from Multiple Acoustic Models for Singing Voice Conversion. *Audio Generation Workshop at NeuIPS 2023*. [Paper] [Code] [Demo]

*: Equal Contribution.

INTERNSHIPS

🎮 WeChat, Tencent

Apr. 2021 – Feb. 2022, June 2023 –

Music Generation Research Intern, Beijing, China

- My research topic is *Music Generation*. Besides, I provide the musical knowledge support for our team.
- In May 2021, I gave a talk on music, [How to create a pop song? \(一首流行歌是如何创作的\)](#)
- In Jan 2022, I participated to release the theme song of WeChat Open Class 2022 as a co-producer, [Ru Wei \(入微\)](#), which was composed by computer and sung by humans.

EDUCATION

The Chinese University of Hong Kong, Shenzhen (Sept. 2022 – Jun. 2026)

- Ph.D. student, Areas of Study: Music Generation
- Advisor: Professor [Zhizheng Wu](#)

University of Chinese Academy of Sciences (Sept. 2019 – Jun. 2022)

- Master, Areas of Study: Computational Social Science
- Advisor: Professor [Juan Cao](#)

Wuhan University (Sept. 2015 – Jun. 2019)

- B.Eng. in Software Engineering
- GPA: 3.83 / 4.00, Ranking: 4 / 246 (Top 1.6%)
- Math-related courses: Advanced Mathematics (95), Linear Algebra (94), Discrete Mathematics (93)

HONORS AND AWARDS

1. Third place at Campus Singer Competition, University of Chinese Academy of Sciences 中国科学院大学校园歌手大赛季军 (Top 3, 2020)
2. Outstanding Graduate, University of Chinese Academy of Sciences 中国科学院大学优秀毕业生 (Top 5%, 2022)
3. Excellent Bachelor Thesis, Wuhan University 武汉大学优秀毕业论文 (Top 5%, 2019)
4. Merit Student, University of Chinese Academy of Sciences 中国科学院大学三好学生 (2020; 2021; 2022)
5. Merit Student and Outstanding Student Leaders, Wuhan University 武汉大学三好学生、优秀班干部 (2016; 2017; 2018)

MUSICAL ABILITIES

- Familiar with the basic music theory.
- Familiar with the common musical genres.
- Proficient in playing pop keyboard.
- Proficient in pop singing and familiar with Bel canto.