

Yoonjin Chung

AI researcher

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<https://yoonjinxd.github.io>

RESEARCH INTERESTS

- Neural Audio Generation
- Music Information Retrieval
- Multimodal learning

PUBLICATIONS

1. Yoonjin Chung, Pilsun Eu, Junwon Lee, Keunwoo Choi, Juhan Nam, Ben Sangbae Chon, "KAD: No More FAD! An Effective and Efficient Evaluation Metric for Audio Generation", AI Heard That! ICML 2025 Workshop on Machine Learning for Audio, (2025)
2. Yoonjin Chung, Junwon Lee, Juhan Nam, "T-foley: A controllable waveform-domain diffusion model for temporal-event-guided foley sound synthesis", ICASSP 2024-2024 IEEE International Conference on Acoustics, Speech and Signal Processing, (2024)
3. Hyunjae Kim, Eun Ji Oh, Jieun Park, Yoonjin Chung, Juhan Nam, Kyung Myun Lee, "A Comparison of Melody Interpolation Performed by Human and Artificial Intelligence Based on Human Similarity Judgments", 2023 International Conference on Music Perception and Cognition, (2023)
4. Eunjin Choi, Yoonjin Chung, Seolhee Lee, JongIk Jeon, Taegyun Kwon, Juhan Nam, "YM2413-MDB: A Multi-Instrumental FM Video Game Music Dataset with Emotion Annotations", ISMIR 2022 Hybrid Conference, (2022)
5. Yoonjin Chung, Kyungwoon Lee, Chuck Yoo, "An analysis on the performance control technique for virtual machines in an OpenStack environment", 한국정보과학회 2018 (KCC2018), (2018)

EDUCATION

Sep. 2021 ~ Aug. 2023	Korea Advanced Institute of Science and Technology Kim Jaechul Graduate School	Daejeon, Korea
	Thesis: Controllable Waveform-Domain Diffusion Model for Event-Guided Foley Sound Synthesis <i>Advisor: Juhan Nam</i>	
	<i>M.S. in Artificial Intelligence</i> GPA: 3.7 / 4.3	

Mar. 2015 ~ Feb. 2020	Korea University Department of Computer Science and Engineering <i>B.S in Computer Science</i>	Seoul, Korea
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RESEARCH EXPERIENCES

- Researcher at AI Labs, Gaudio Lab., Korea (Aug. 2023 ~ Oct. 2025) / AI Researcher
- Undergraduate Research Assistant at Data Mining & Information System (DMIS) Lab, Korea University, Korea (Mar. 2021 ~ Jun. 2021) / NLP research paper reading
- AI Research Internship at Surromind Robotics, Korea (Jul. 2019 ~ Aug. 2019) / Visual storytelling with transformer based model
- Undergraduate Research Assistant at Machine Learning & Vision Lab, Korea University, Korea (Mar. 2019 ~ Jun. 2019) / Visual Relationship Detection
- Undergraduate Research Assistant at Operating System Lab, Korea University, Korea (Sep. 2017 ~ Aug. 2018) / Dynamic resource control on virtual machine environment