

# JAEKWON IM

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## RESEARCH INTEREST

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Audio Generation, Source Separation, Music Informational Retrieval

## PUBLICATIONS

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### Neural Vocoder Feature Estimation for Dry Singing Voice Separation

Jaekwon Im, Soonbeom Choi, Sangeon Yong, Juhan Nam

Proceedings of the 14th Asia Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA), 2022

## EDUCATION

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### Korea Advanced Institute of Science and Technology (KAIST)

2022 - present

Ph.D Student in Graduate School of Culture Technology

Music and Audio Computing Lab (Advisor: Juhan Nam)

### Korea Advanced Institute of Science and Technology (KAIST)

2020 - 2022

M.S in Graduate School of Culture Technology

Music and Audio Computing Lab (Advisor: Juhan Nam)

### Chungnam National University

2013 - 2020

B.S. in Computer Science & Engineering

## EXPERIENCE

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### AudAi

Jun 2023 - present

South Korea

Co-founder

### DCASE 2023

Dec 2022 - Jun 2023

Organizer of Challenge task 7 (Foley Sound Synthesis)

### Gaudio lab

Nov 2022 - Feb 2023

Remote

Internship in AI group

### Electronics and Telecommunications Research Institute (ETRI)

Jul 2019 - Aug 2019

Daejeon, South Korea

Internship in Autonomous Driving Intelligence Research department

### Purdue University

Jan 2019 - Mar 2019

Indiana, United States

CNU Global SW Track Program

## ADVISING & TEACHING ACTIVITY

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- Mentor, Daejeon Science High School Research & Education (Mar 2022 - present)
- TA, GCT634 Musical Applications of Machine Learning, KAIST (Sep 2022 - present)
- TA, GCT535 Sound Technology for Multimedia, KAIST (Mar 2022 - Jun 2022)

## AWARDS

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- KAIST Lab Startup 2nd Place Excellence Prize (2022)

- E\*5 KAIST Final Development Award (2021)
- KCC 2019 encouragement award (2019)
- CNU ‘Thinking Programming Competition’ first prize (2019)

## **LANGUAGES & SKILL & INTERESTS**

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- English(fluent), Korean(native)
- Python (Pytorch), Solid.js, React.js, HTML/CSS, C++, Java
- Music producing