

Jiu FENG

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 GitHub  Personal Homepage

Education

KAIST <i>M.S. in Electrical Engineering. GPA:4.3/4.3 (So far)</i> <i>Supervisor: Prof. Joon Son Chung</i>	<i>Daejeon, South Korea</i> <i>Sept. 2022 - Jun. 2024</i>
Sichuan University (SCU) <i>B.Eng. in Software Engineering. GPA: 3.92/4.0, Ranking: 3/215 (Top 1.4%)</i> <i>Member of Wu YuZhang Honors College. Supervisor: Prof. Qijun Zhao</i>	<i>Chengdu, China</i> <i>Sept. 2018 - Jun. 2022</i>

Experiences

KAIST. Multimodal AI Lab. <i>Research Assistant. Advisor: Prof. Joon Son Chung</i>	<i>Daejeon, South Korea</i> <i>Aug. 2022 - Present</i>
KAIST. Robotics and Computer Vision (RCV) Lab. <i>Research Intern. Advisor: Prof. In So Kweon</i>	<i>Daejeon, South Korea</i> <i>Nov. 2021 - Apr. 2022</i>

Publications

During the Master's Program (Sept. 2022 - Present) :

FlexiAST: Flexibility is What AST Needs.

Jiu Feng, Mehmet Hamza Erol*, Joon Son Chung, Arda Senocak.*

INTERSPEECH 2023 Poster [[Link](#)]

This paper proposes a training procedure to give patch-size flexibility to Audio Spectrogram Transformers (AST), maintaining its performance when working with various patch sizes at the inference stage.

During Internship (Nov. 2021 - Apr. 2022) :

Decoupled adversarial contrastive learning for self-supervised adversarial robustness.

Zhang, Chaoning, Kang Zhang*, Chenshuang Zhang, Axi Niu, Jiu Feng, Chang D. Yoo, and In So Kweon.*
ECCV 2022 Oral

Noise augmentation is all you need for FGSM fast adversarial training: Catastrophic overfitting and robust overfitting require different augmentation.

Zhang, Chaoning, Kang Zhang*, Axi Niu, Chenshuang Zhang, Jiu Feng, Chang D. Yoo, and In So Kweon.*
arXiv e-prints (2022)

Awards & Scholarships

KAIST Full Scholarship for M.S. Students	2022
Provincial Outstanding Graduates (Top 3% in Sichuan Province)	2022
National Scholarship (Top 1% in SCU, Top 0.2% in China)	2021
Special Award of Wang Wen Guo Scholarship (5 Winners in Honors College)	2021
First-class Scholarship of Sichuan University (Top 2% in SCU)	2021
National Encouragement Scholarship (Awarded for two years)	2019, 2020

Skills

Languages	Chinese: Native, English: Fluent.
Coding	Python, Pytorch, Java, C, SQL, HTML, CSS, JavaScript, MATLAB.
Misc.	Photography, Basic Video Clip, Chinese Calligraphy, Sports.

Other Experiences

Outstanding Graduate Leader of SCU in 2022

First Prize for University Group in the Asia and Pacific Mathematical Contest in Modeling (APMCM) in 2021

Meritorious Winner in Interdisciplinary Contest In Modeling (ICM) in 2021

Gold Medal in International Genetically Engineered Machine Competition (IGEM) in 2021

National Second Prize in “Higher Education Cup” Contemporary Undergraduate Mathematical Contest in Modeling (CUMCM) in 2019

Leader of a National College Students’ Innovation and Entrepreneurship Training Program (**with \$1450 Project Funding**) in 2019

Excellent Student of SCU in 2019