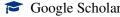
Jiu FENG



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GitHub

Personal Homepage

Education

KAIST

The University of Texas at Austin

Ph.D. in Computer Science.

Aug. 2024 - 2029 (expected) Daejeon, South Korea

M.S. in Electrical Engineering. GPA:4.3/4.3

Aug. 2022 - Jun. 2024

Texas, the United States

Supervisor: Prof. Joon Son Chung

Sichuan University (SCU)

Chengdu, China

B.Eng. in Software Engineering. GPA: 3.92/4.0, Ranking: 3/215 (Top 1.4%)

Sept. 2018 - Jun. 2022

Supervisor: Prof. Qijun Zhao

Member of Wu YuZhang Honors College.

Position Experience

KAIST. Multimodal AI (MMAI) Lab.

Daejeon, South Korea

Research Assistant. Supervisor: Prof. Joon Son Chung

Aug. 2022 - Present

KAIST. Robotics and Computer Vision (RCV) Lab.

Daejeon, South Korea

Supervisor: Prof. In So Kweon Research Intern.

Nov. 2021 - Apr. 2022

Publications & Preprints

[6] Audio Mamba: Bidirectional State Space Model for Audio Representation Learning.

Mehmet Hamza Erol*, Arda Senocak*, **Jiu Feng**, Joon Son Chung. In Submission [Link]

[5] ElasticAST: An Audio Spectrogram Transformer for All Length and Resolutions

Jiu Feng, Mehmet Hamza Erol, Joon Son Chung, Arda Senocak. INTERSPEECH 2024 [Link]

[4] From Coarse To Fine: Efficient Training for Audio Spectrogram Transformers.

Jiu Feng*, Mehmet Hamza Erol*, Joon Son Chung, Arda Senocak. ICASSP 2024 [Link]

[3] FlexiAST: Flexibility is What AST Needs.

Jiu Feng*, Mehmet Hamza Erol*, Joon Son Chung, Arda Senocak. INTERSPEECH 2023 [Link]

[2] Decoupled adversarial contrastive learning for self-supervised adversarial robustness.

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

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

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

Awards & Scholarships

KAIST Full Scholarship for M.S. Students	2022
Provincial Outstanding Graduates (Top 3% in Sichuan Province)	2022
National Scholarship by Ministry of Education of China (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

Competition Experience

- First Prize(Top 5%) in the Asia and Pacific Mathematical Contest in Modeling (APMCM) in 2021
- Meritorious Winner in Interdisciplinary Contest In Modeling (ICM) in 2020
- Gold Medal in International Genetically Engineered Machine Competition (IGEM) in 2020
- National Second Prize(*Top 2%*) in "Higher Education Cup" Contemporary Undergraduate Mathematical Contest in Modeling (CUMCM) in 2019

Skills

Languages Chinese: Native, English: Fluent (IELTS 7.5).

Coding Python, Pytorch, Java, C, SQL, HTML, CSS, JavaScript, MATLAB.

Misc. Photography, Video Editing, Chinese Calligraphy.