

# Jiu FENG

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 GitHub  Personal Homepage

## Education

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**The University of Texas at Austin**  
*Ph.D. in Computer Science.*  
*Supervisor: Prof. Kristen Grauman*

*Austin, TX*  
*Aug. 2024 - Present*

**KAIST**  
*M.S. in Electrical Engineering. GPA: 4.3/4.3*  
*Supervisor: Prof. Joon Son Chung*

*Daejeon, South Korea*  
*Aug. 2022 - Jun. 2024*

**Sichuan University (SCU)**  
*B.Eng. in Software Engineering. GPA: 3.92/4.0, Ranking: 3/215 (Top 1.4%)*  
*Supervisor: Prof. Qijun Zhao*  
*Member of Wu YuZhang Honors College.*

*Chengdu, China*  
*Sept. 2018 - Jun. 2022*

## Position Experience

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**UT-Austin.**  
*Research Assistant. Supervisor: Prof. Kristen Grauman*

*Austin, TX*  
*Aug. 2024 - Present*

**KAIST. Multimodal AI (MMAI) Lab.**  
*Research Assistant. Supervisor: Prof. Joon Son Chung*

*Daejeon, South Korea*  
*Aug. 2022 - Jun. 2024*

**KAIST. Robotics and Computer Vision (RCV) Lab.**  
*Research Intern. Supervisor: Prof. In So Kweon*

*Daejeon, South Korea*  
*Nov. 2021 - Apr. 2022*

## Publications & Preprints

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**[6] Audio Mamba: Bidirectional State Space Model for Audio Representation Learning.**  
*Mehmet Hamza Erol\*, Arda Senocak\*, **Jiu Feng**, Joon Son Chung.*  
*Signal Processing Letters [\[Link\]](#)*

**[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

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

## Competition Experience

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- **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

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<b>Languages</b>	Chinese: Native, English: Fluent (IELTS 7.5).
<b>Coding</b>	Python, Pytorch, Java, C, SQL, HTML, CSS, JavaScript, MATLAB.
<b>Misc.</b>	Photography, Video Editing, Chinese Calligraphy.