



JING SHAO

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EDUCATION

- **Northeastern University** *Jan. 2024 - Present*
MSc in Computer Software Engineering
- **Hunan University Of Technology and Business** *Sep. 2015 - Jun. 2019*
BSc in Electrical and Computer Engineering

PUBLICATIONS

- Hao Cheng*, Erjia Xiao*, **Jing Shao***, Yichi Wang, Le Yang, Chao Shen, Philip Torr, Jindong Gu, Renjing Xu. **Jailbreak-AudioBench: In-Depth Evaluation and Analysis of Jailbreak Threats for Large Audio Language Models.** *Conference on Neural Information Processing Systems (NeurIPS 2025)*.
- Haozhou Zhang, Michele Caprio, **Jing Shao**, Qiang Zhang, Jian Tang, Shanghang Zhang, Wei Pan. **PoseDiff: A Unified Diffusion Model Bridging Robot Pose Estimation and Video-to-Action Control.** *International Conference on Learning Representations (Under Review)*.
- Le Yang, Yixuan Yan, **Jing Shao**, Hao Cheng, Fan Li. **Energy-based Active Learning for Bringing Beam-induced Domain Gap for 3D Object Detection.** *ACM International Conference on Mobile Computing and Networking (MobiCom 2024)*.

RESEARCH EXPERIENCE

- **The Hong Kong University of Science and Technology (Guangzhou)** *Guangzhou, China*
Research Intern *Apr. 2024 – Aug. 2024*
 1. Developed Jailbreak-AudioBench toolbox and benchmark for evaluating audio-based jailbreaks on LALMs, conducting comprehensive assessments across SOTA models to expose audio modality vulnerabilities.
 2. Conducted large-scale evaluations revealing LALMs' sensitivity to audio hidden semantics, demonstrated that query-based editing significantly amplifies jailbreak success, and established defense baselines.
- **X-Humanoid** *Beijing, China*
Research Intern *May. 2025 - Sep. 2025*
 1. Deployed inverse dynamics on LIBERO-Object achieving significant success-rate gains and integrated with AVDC for video-to-action enabling keyframe-conditioned long-horizon rollouts with higher throughput.
 2. Built reproducible train/test pipeline on NVIDIA IsaacLab using LeggedLab framework, applying custom reward design to enhance the Ultra robot's locomotion stability and terrain adaptability.

INDUSTRY EXPERIENCE

- **Google - Google Summer of Code (Flutter Team)** *Sunnyvale, United States*
Software Developer *May. 2025 - Sep. 2025*
 1. Restored iOS Live Text (OCR) in Flutter by refactoring cross-layer path from Engine C++ through Objective-C embedder to Dart, re-enabling system OCR with comprehensive test coverage.
 2. Designed and shipped customizable edit-menu actions API across Dart framework and Flutter Engine with UIKit integration, enabling native iOS context menu customization with robust memory management.

HONORS AND AWARDS

- Graduate Merit Scholarship, Northeastern University. *2024 - 2026*
- AWS Conference Grants (re:Invent 2024, re:Inforce 2025), Amazon Web Services. *2024 - 2025*
- First Prize, China Educational Robot Contest (ERCC). *2018*

SKILLS

- **Programming Languages:** Python, C++, C, Dart, Objective-C, Rust.
- **Tools:** Git, PyTorch, Docker, \LaTeX .