JING SHAO

✉ shao.jing1@northeastern.edu 🌐 Portfolio ⌂ github.com/jingshao-code

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–Aug 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, TensorFlow, Docker, Linux, HuggingFace, LaTeX.