JINCHAO LI

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🏛 EDUCATION

- Ph.D. | The Chinese University of Hong Kong　　　　　　　　　　　📅 Aug. 2019 – Sep. 2025 (expected)
  Information Science @SEEM, advised by Prof. Helen Meng　　　　　　　　　　　📍 Hong Kong SAR
- B.S. | Nanjing University　　　　　　　　　　　　　　　　　　　　📅 Sep. 2015 – Jun. 2019
  Acoustics @Physics (major) & EE (minor), advised by Prof. Jing Lu　　　　　　　📍 Nanjing, China

♥ RESEARCH INTERESTS

- Multimodal AI for speech, language and healthcare: Neurocognitive disorder (NCD) detection, emotion recognition (ER)
- Speech-empowered large language model: Modular speech integration for emotional/personalized dialogue systems

📖 SELECTED PUBLICATIONS [MORE]

- **J. Li**, et al. "Detecting NCDs through Analyses of Topic Evolution and Cross-modal Consistency in Visual-Stimulated Narratives." JSTSP (under review), 2025. 🖼 📄
- Z. Ma, Z. Zheng, J. Ye, **J. Li**, et al. "Emotion2vec: Self-Supervised Pre-Training for Speech Emotion Representation." ACL, 2024. 🖼 📄 🖥
- **J. Li**, et al. "A Hierarchical Regression Chain Framework for Affective Vocal Burst Recognition." ICASSP, 2023. 🖼 📄 🖥
- **J. Li**, et al. "Leveraging Pretrained Representations with Task-related Keywords for NCD Detection." ICASSP, 2023. 🖼 📄
- **J. Li**, et al. "Context-aware Multimodal Fusion for ER." INTERSPEECH, 2022. 🖼 📄
- **J. Li**, et al. "A Comparative Study of Acoustic and Linguistic Features Classification for NCD Detection." ICASSP, 2021. 🖼 📄 🖥

👥 RESEARCH EXPERIENCE

- **Neurocognitive Disorder Detection** | Microsoft Research Asia & HCCL　　📅 Jun. - Nov. 2022 / Jun. 2020 – Present
  Multimodal (speech, text, image) multilevel (macro-/micro-structure) NCD detection, pioneering cognitive-linguistic modeling.
- **Speech-Large Language Model (LLM)** | DAMO Academy　　　　　　　　　　　　　📅 Aug. - Nov. 2023
  Empowering LLM with modularized speech ability, improving emotional supportive and personalized dialogue policy.
- **The ACII Affective Vocal Bursts (A-VB) Competition** | Hume AI　　　　　　　　📅 Jul. 2022 – Sep. 2022
  Multi-culture affect recognition, achieving 1st place in TWO/CULTURE tasks and 2nd place in the HIGH task.
- **Emotion Recognition (ER)** | Tencent　　　　　　　　　　　　　　　　　　　📅 Oct. 2021 – May 2022
  Multimodal ER using context information and attention mechanism, achieving SOTA on IEMOCAP.

🏆 HONORS & AWARDS

- The ACII A-VB Competition (Winners in two tracks, 2nd place in one track)　　　　　　　　　📅 2022
- Excellent Undergraduate Thesis, Nanjing University　　　　　　　　　　　　　　　　　　📅 2019
- Meritorious Winner Prize in National/American Mathematical Contest in Modeling　　　　　📅 2017&2018
- National Scholarship, the Ministry of Education in China　　　　　　　　　　　　　　　　📅 2017

⚙ SKILLS

AI/ML: PyTorch, Transformers, Megatron, etc.　　　　　　　　　　Programming: Python, MATLAB, etc.