JINCHAO LI

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🎓 EDUCATION

The Chinese University of Hong Kong	Hong Kong S.A.R
PhD @ Sys. Erg. & Erg. Mgt., advised by Prof. Helen Meng	Aug.2019 - Jul.2023 (expected)
Nanjing University	Nanjing, China
Bachelor of Acoustics @ Physics, advised by Prof. Jing Lu	Sep.2015 - Jun.2019

🎯 RESEARCH INTERESTS

- Neurocognitive Disorder Detection
- Speech and language processing

📜 PUBLICATIONS

[1] Jinchao Li, et al. "A Comparative Study of Acoustic and Linguistic Features Classification for Alzheimer's Disease Detection." ICASSP. IEEE, 2021.

[2] Zi Ye, Shoukang Hu, Jinchao Li, et al. "Development of the CUHK Elderly Speech Recognition System for Neurocognitive Disorder Detection using the DementiaBank Corpus." ICASSP. IEEE, 2021.

[3] Jinchao Li, Changbao Zhu. "Method, Device and Electronic Equipment for Determining Sound Source Information." Patent: CN110148422B, 2021.

🚀 RESEARCH EXPERIENCE

- **Neurocognitive Disorder Detection** — Hong Kong S.A.R.
  Advised by Prof. Helen Meng and Prof. Xunying Liu @ HCCL, CUHK — Jul.2020 - Now
  Speech and language based automatic Neurocognitive Disorder (NCD) detection.

- **Multi-modal Speech Enhancement** — Shenzhen, China
  Advised by Dr. Kun Li @ SpeechX — Dec.2019 - Jan.2020
  Audio-visual speech enhancement for both magnitude and phase spectrum. (Re-implementation of VGG's work.)

- **Source counting** — Nanjing, China
  Advised by Prof. Jing Lu @ NJU and Mr. Changbao Zhu @ Horizon Robotics — Dec.2018 - Apr.2019
  Binaural speech source counting in reverberated and noisy scenarios. ("Excellent Undergraduate Thesis" in NJU.)

🏆 HONORS & AWARDS

National Scholarship awarded by the China Ministry of Education	2017
Excellent Undergraduate Thesis of Nanjing University	2019
Shan Yuan Overseas Exchange Scholarship of Nanjing University	2017
First Prize, Elite Program Scholarship of Nanjing University	2016
Meritorious Winner Prize in National/American Mathematical Contest in Modeling	2017/2018

💻 COMPUTER COMPETENCES

Python, MATLAB, PyTorch, TensorFlow, Kaldi