

Xiangming Gu

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EDUCATION

National University of Singapore	Singapore
<i>PhD student, Integrative Sciences and Engineering Programme, supervisor: A.P. Wang Ye</i>	<i>Aug. 2021 – June 2025</i>
Tsinghua University	Beijing, China
<i>Undergraduate student majored in Electronic Engineering, GPA: 3.80/4.0</i>	<i>Aug. 2017 – June 2021</i>
Tsinghua University	Beijing, China
<i>Undergraduate student double majored in Finance</i>	<i>Aug. 2018 – June 2021</i>
National University of Singapore	Singapore
<i>Exchange student majored in Electrical and Computer Engineering, GPA: 4.875/5.0</i>	<i>Jan. 2020 – May 2020</i>

PUBLICATIONS

- Xiangming Gu**, Longshen Ou, Danielle Ong, Ye Wang. MM-ALT: A Multimodal Automatic Lyric Transcription System. *ACM International Conference on Multimedia (ACM-MM)*, 2022
- Wei Wei, Hengguan Huang, **Xiangming Gu**, Hao Wang, Ye Wang. Unsupervised Mismatch Localization in Cross-Modal Sequential Data. *arXiv preprint arXiv:2205.02670*, 2022
- Youze Xue, Jiansheng Chen, **Xiangming Gu**, Huimin Ma, Hongbing Ma. Boosting Monocular 3D Human Pose Estimation with Part Aware Attention. *IEEE Transactions on Image Processing (TIP)*, 2022
- Boyu Zhang, Penghui Yang, **Xiangming Gu**, Hongen Liao. Laser Endoscopic Manipulator Using Spring-reinforced Multi-DoF Soft Actuator. *IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, 2021. Also in *IEEE Robotics and Automation Letter (RA-L)*, 2021
- Xiangming Gu**, Xiang Cheng. Distilling a Deep Neural Network into a Takagi-Sugeno-Kang Fuzzy Inference System. *arXiv preprint arXiv:2010.04974v1*, 2020.

TECHNICAL SKILLS

Programming Languages: Python, Shell, Matlab, C/C++, Verilog, Assembly language
Deep Learning Frameworks: PyTorch, Tensorflow
Tools: Github, Latex, Office
Platforms: Linux, Mac, Windows

AWARDS

ISEP graduate Scholarship, National University of Singapore, 2021
Visiting Undergraduate Student Scholarship, 2020
Zheng Geru Scholarship, Tsinghua University, 2018

TEACHING

Teaching Assistant	National University of Singapore
<i>CS4243: Computer Vision and Pattern Recognition</i>	<i>Spring 2022</i>

SERVICE

Reviewer: International Conference on Artificial Intelligence and Statistics(AISTATS), IEEE Robotics and Automation Letter(RA-L)