

Luca Jiangtao Yu

CONTACT Shanghai Qi Zhi Institute, F 40-41, 701 Yunjin Rd, Shanghai, 200030

INFORMATION Tel: (852) 5491-0671 or (86) 198-0218-0103

Email: jiangtyu2001@gmail.com

Homepage: www.jiangtaoyu.hk (He / Him / His)

EDUCATION ***Ph.D. Computer Science*** incoming in Sept '23

Dept. of Computer Science

The University of Hong Kong (HKU)

Mentor: Prof. Chenshu Wu at AIoT Lab, Systems & Networking Group

B.Eng. Information Engineering expected in Jul '23

School of Info. & Comm. Engineering

Beijing University of Posts and Telecommunications (BUPT)

GPA: **3.88**/4, Rank: **3**/203, **1.5**%

RESEARCH INTERESTS

- Signal Processing, Deep Learning Application and Wireless AI Perception.
- Multi- modality/sensor Machine Learning and Internet of Things.

EXPERIENCE *Incoming Student* Oct '22 - Present

AIoT Lab, Mentor: Prof. Chenshu Wu

Dept. of Computer Science, HKU (Hong Kong)

- Research on acoustic sensing via ubiquitous devices.

Research Intern Nov '21 - Present

MARS Lab, Mentor: Prof. Hang Zhao

IIIS, Tsinghua University (Beijing) & Shanghai Qi Zhi Institute (Shanghai)

- Research on wireless perception, multi- modality/sensor machine learning.
- Developed an acoustic sensing system via mmWave radar to eavesdrop.

Research Intern Jun '20 - Sept '21

Intelligent Comm. Software & Multimedia Key Lab, Mentor: Prof. Anfu Zhou

School of Computer Science, BUPT (Beijing)

- Research on mmWave radar tracking & sensing.
- Developed a plan of double-hand tracking clustering via mmWave radar.

PUBLICATIONS

- Running Zhao, Jiangtao Yu, Tingle Li, Edith C.H. Ngai*, Hang Zhao*. "Radio2Speech: High Quality Speech Recovery from Radio Frequency Signals". *In Proc. Interspeech, 2022.*

HONORS & SCHOLARSHIP

- HKU Postgraduate Scholarship
- National Scholarship (Rank: 7/902, 0.7%)
- China Mobile Outstanding Student Scholarship (Rank: 2/192, 1%)
- 1st prize of National Math. Competition for College Students (Eng)
- 1st prize of National College Students E-Commerce Competition

SKILLS

Library: C/C++, Python, Website, MATLAB, Pytorch, DSP

English: IELTS 6.5