Luca Jiangtao Yu

CONTACT INFORMATION	Shanghai Qi Zhi Institute, 40-41/F, 701 Yunjin Rd, Shanghai, 200030 Tel: +852 9-810-0794 E-Mail: jiangtyu2001@gmail.com Homepage: www.jiangtaoyu.hk (He/Him/His)

EDUCATION

Ph.D. in 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. in 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

Research Assistant — 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 in National Math. Competition for College Students (Eng)
- 1st prize in National College Students E-Commerce Competition

SKILLS

Library: C/C++, Python, Website, MATLAB, Pytorch, DSP
English: IELTS 6.5

ACADEMIC SERVICE

MobiSys '23, ATC '23, OSDI '23 AE reviewer