

Luca Jiangtao (Kong To) Yu

CONTACT INFORMATION	Address: Room 101, Haking Wong Building, The University of Hong Kong, Hong Kong Tel: +852 9810 0794 E-mail: jiangtyu2001@gmail.com Homepage: www.jiangtaoyu.hk
EDUCATION	<p><i>Ph.D. in Computer Science</i> Sept '23 Dept. of Computer Science The University of Hong Kong (HKU), Hong Kong Advisor: Prof. Chenshu Wu at AIoT Lab, Systems & Networking Group</p> <p><i>B.Eng. in Information Engineering</i> Jul '23 School of Info. & Comm. Engineering Beijing University of Posts and Telecommunications (BUPT), Beijing, China GPA: 3.88/4</p>
RESEARCH INTERESTS	<ul style="list-style-type: none">• Signal Processing, Deep Learning Application, and Wireless AI Perception.• Multi-modality/sensor Machine Learning and Internet of Things.
EXPERIENCE	<p><i>Research Assistant</i> Nov '21 - Present MARS Lab, Advisor: Prof. Hang Zhao IIIS, Tsinghua University (Beijing) & Shanghai Qi Zhi Institute (Shanghai)<ul style="list-style-type: none">• Research on wireless perception, multi-modality/sensor machine learning.• Developed an acoustic sensing system via mmWave radar to eavesdrop.</p> <p><i>Research Intern</i> Jun '20 - Sept '21 Intelligent Comm. Software & Multimedia Key Lab, Advisor: Prof. Anfu Zhou School of Computer Science, BUPT (Beijing)<ul style="list-style-type: none">• Research on mmWave radar tracking & sensing.• Developed a plan of double-hand tracking clustering via mmWave radar.</p>
PUBLICATIONS	<ul style="list-style-type: none">• Running Zhao, Jiangtao Yu, Tingle Li, Edith C.H. Ngai[†], Hang Zhao[†]. "Radio2Speech: High Quality Speech Recovery from Radio Frequency Signals". Accepted by <i>Interspeech 2022</i>. [project] [paper]• Running Zhao*, Jiangtao Yu*, Hang Zhao[†], Edith C.H. Ngai[†]. "Radio2Text: Streaming Speech Recognition using mmWave Radio Signals". Submitted to <i>UbiComp/IMWUT 2023</i>.
HONORS & SCHOLARSHIP	<ul style="list-style-type: none">• 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	Reviewer: MobiSys '23, ATC '23, OSDI '23