

Luca Jiangtao Yu

CONTACT INFORMATION	Shanghai Qi Zhi Institute, 701 Yunjin Rd, Shanghai, 200030 Tel: (852) 5491-0671 or (86) 159-3980-6586 Email: jiangtyu2001@gmail.com Homepage: www.jiangtaoyu.hk (He / Him / His)
EDUCATION	<p>Ph.D. Computer Science incoming in September '23 Dept. of Computer Science The University of Hong Kong (HKU) Mentor: Prof. Chenshu Wu in AIoT Lab, Systems & Networking Group</p> <p>B.Eng. Information Engineering expected in July '23 School of Info. & Comm. Engineering Beijing University of Posts and Telecommunications (BUPT) GPA: 3.88/4, Rank: 3/203, 1.5%</p>
RESEARCH INTERESTS	<ul style="list-style-type: none">• Multimedia Signal Processing, Deep Learning Application.• Wireless AI Perception, Multi-sensor, Internet of Things.
EXPERIENCE	<p><i>Incoming Student</i> October '22 - Present AIoT Lab, Mentor: Prof. Chenshu Wu Dept. of Computer Science, HKU (Hong Kong)</p> <p><i>Research Assistant</i> November '21 - Present MARS Lab, Mentor: Prof. Hang Zhao IIIS, Tsinghua University (Beijing) & Shanghai Qi Zhi Institute (Shanghai)<ul style="list-style-type: none">• Research on wireless perception, multi-modal and multi-sensor machine learning.• Developed an acoustic sensing system using mmWave radar to eavesdrop.</p> <p><i>Research Intern</i> June '20 - September '21 Intelligent Comm. Software & Multimedia Key Lab, Mentor: 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 using 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". In Proc. Interspeech, 2022.
HONORS & SCHOLARSHIP	<ul style="list-style-type: none">• 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 (Engineering)• Outstanding Paper Nomination in the "Shenzhen Cup" Math. Modeling Competition National Finals (1st Author)• 1st prize of National College Students E-Commerce Competition
SKILLS	Library: C/C++, Python, Website, MATLAB, TensorFlow, Pytorch, DSP English: IELTS 6.5