

## Luca Jiangtao Yu

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<b>CONTACT INFORMATION</b>	Shanghai Qi Zhi Institute, 40-41/F, 701 Yunjin Rd, Shanghai, 200030 Tel: (852) 9810-0794 or (86) 198-0218-0103 E-Mail: jiangtyu2001@gmail.com Homepage: www.jiangtaoyu.hk (He/Him/His)
<b>EDUCATION</b>	<p><b><i>Ph.D. Computer Science</i></b> incoming in Sept '23 Dept. of Computer Science The University of Hong Kong (HKU) Mentor: Prof. Chenshu Wu at AIoT Lab, Systems &amp; Networking Group</p> <p><b><i>B.Eng. Information Engineering</i></b> expected in Jul '23 School of Info. &amp; Comm. Engineering Beijing University of Posts and Telecommunications (BUPT) GPA: <b>3.88</b>/4, Rank: <b>3</b>/203, <b>1.5</b>%</p>
<b>RESEARCH INTERESTS</b>	<ul style="list-style-type: none"><li>• Signal Processing, Deep Learning Application, and Wireless AI Perception.</li><li>• Multi-modality/sensor Machine Learning and Internet of Things.</li></ul>
<b>EXPERIENCE</b>	<p><i>Incoming Student</i> Oct '22 - Present <b>AIoT Lab</b>, Mentor: Prof. Chenshu Wu Dept. of Computer Science, HKU (Hong Kong)<ul style="list-style-type: none"><li>• Research on acoustic sensing via ubiquitous devices.</li></ul></p> <p><i>Research Intern</i> Nov '21 - Present <b>MARS Lab</b>, Mentor: Prof. Hang Zhao IIIS, Tsinghua University (Beijing) &amp; Shanghai Qi Zhi Institute (Shanghai)<ul style="list-style-type: none"><li>• Research on wireless perception, multi-modality/sensor machine learning.</li><li>• Developed an acoustic sensing system via mmWave radar to eavesdrop.</li></ul></p> <p><i>Research Intern</i> Jun '20 - Sept '21 <b>Intelligent Comm. Software &amp; Multimedia Key Lab</b>, Mentor: Prof. Anfu Zhou School of Computer Science, BUPT (Beijing)<ul style="list-style-type: none"><li>• Research on mmWave radar tracking &amp; sensing.</li><li>• Developed a plan of double-hand tracking clustering via mmWave radar.</li></ul></p>
<b>PUBLICATIONS</b>	<ul style="list-style-type: none"><li>• Running Zhao, Jiangtao Yu, Tingle Li, Edith C.H. Ngai*, Hang Zhao*. "Radio2Speech: High Quality Speech Recovery from Radio Frequency Signals". <i>In Proc. Interspeech, 2022</i>.</li></ul>
<b>HONORS &amp; SCHOLARSHIP</b>	<ul style="list-style-type: none"><li>• HKU Postgraduate Scholarship</li><li>• National Scholarship (Rank: 7/902, 0.7%)</li><li>• China Mobile Outstanding Student Scholarship (Rank: 2/192, 1%)</li><li>• 1<sup>st</sup> prize in National Math. Competition for College Students (Eng)</li><li>• 1<sup>st</sup> prize in National College Students E-Commerce Competition</li></ul>
<b>SKILLS</b>	Library: C/C++, Python, Website, MATLAB, Pytorch, DSP English: IELTS 6.5