

Jiangtao Yu

BUPT, No. 10 Xitucheng Road, Haidian District, Beijing, 100876
jiangtyu2001@gmail.com · (+86) 159 3980 6586 · www.jiangtaoyu.com

EDUCATION

Beijing University of Posts and Telecommunications

SEPT. '19 - SEPT. '23

B.Eng.(expected in '23) in Information Engineering, School of Information and Communication Engineering (S.I.C.E)
GPA: **3.84**/4.0 (92.2), Rank: 3/203

The University of Hong Kong

SEPT. '23 - ?

Ph.D. (incoming in '23) in Computer Science, Department of Computer Science.
Supervisor: Prof. Chenshu Wu

PUBLICATIONS

- MID: ACCURATE AND ROBUST USER IDENTIFICATION AND AUTHENTICATION THROUGH HAND-GESTURE SENSING WITH MMWAVE RADAR (*in submission to IMWUT*) - (Haipeng Liu, Xianwen Bai, Kunpeng Wang, Anfu Zhou, PeilinPan, Songyu Xu, Heyang Gao, **Jiangtao Yu**, Liang Liu, Huadong Ma)
- RADIO2SPEECH HIGH QUALITY SPEECH RECOVERY FROM RADIO FREQUENCY SIGNALS (*Interspeech 2022, [arXiv](#)*) - (Running Zhao, **Jiangtao Yu**, Tingle Li, Hang Zhao*, Edith C.H. Ngai*)

RESEARCH EXPERIENCE

• The Intelli. Comm. Soft. and Multi. Key Lab (affiliated to BUPT) JUN. '20 - SEPT. '21

Undergraduate Intern (Program: Radar and D.L.) - The Intelligent Communication Software and Multimedia Key Laboratory of Beijing, School of C.S. - Supervisor: Prof. Anfu Zhou @ Beijing, PRC

Performed undergraduate intern in mmWave, D.L. for the gestures recognition and tracing with mmWave Radar.

• MARS Lab (affiliated to IIIS, Tsinghua University)

NOV. '21 - PRESENT

Research Assistant (Program: Multimodal and Multi-sensor M.L.) - Shanghai Qi Zhi Institute (affiliated to IIIS, Tsinghua University) - Supervisor: Prof. Hang Zhao @ Beijing and Shanghai, PRC

Performed undergraduate research assistant in wireless perception, belongs to multimodal and multi-sensor M.L. I am mainly responsible for the collection and arrangement of experimental data, neural network construction, fine-tuning, etc. I have produced the Radar Microphone system and a paper. Currently trying to do dntask tasks, including ASR, E2E, etc.

HONORS AND SCHOLARSHIPS

- **National Scholarship** (Rank: 7/902, **0.7%** Sophomore)
- China Mobile Outstanding Student Scholarship (Rank: 2/192, **1%** Junior)
- **1st prize** of the 12th National Math. Competition for College Students (non-MATH Major, for S.E.)
- **Outstanding Paper Nomination** in the "Shenzhen Cup" Math. Modeling Competition National Finals (**1st Author**)
- **1st prize** of the 11st National College Students E-Commerce Competition

SKILLS

LIBRARIES: C/C++, Python, Website, MATLAB, TensorFlow, Pytorch

ENGLISH: IELTS 5.5