

# Tye Jiangtao Yu

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## EDUCATION

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BEIJING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS

SEPT. '19 - PRESENT

B.Eng. in Information Engineering, School of Information and Communication Engineering (S.I.C.E)  
GPA: **91**/100 (Overall Rank: **2**/192, **1%**); Major GPA: **92**/100 (Rank: **1%**)

## PUBLICATIONS

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- MID: ACCURATE AND ROBUST USER IDENTIFICATION AND AUTHENTICATION THROUGH HAND-GESTURE SENSING WITH MMWAVE RADAR (*in submission by IMWUT*) - (*Prof. Anfu Zhou*)
- RADIO2SPEECH HIGH QUALITY SPEECH RECOVERY FROM RADIO FREQUENCY SIGNAL (*AC by Interspeech2022*) - (*Prof. Hang Zhao*)

## RESEARCH EXPERIENCE

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- 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, IOT and Deep Learning for the gestures recognition and tracing with mmWave Radar.
- MARS Lab (affiliated to IIIS, Tsinghua University) NOV. '21 - PRESENT  
*Undergraduate Intern (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 intern with Runing Zhao @HKU in mmWave Radar, belongs to multimodal and multi-sensor machine learning.

## HONORS AND SCHOLARSHIPS

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- National Scholarship (Rank: **7**/902, **0.7%** Sophomore)
- China Mobile Outstanding Student Scholarship (Rank: **2**/192, **1%** Junior)
- **1<sup>st</sup> prize** Undergraduate Scholarship and Outstanding Student Leaders Scholarship (Rank: **22**/910, Freshman)
- **1<sup>st</sup> prize** of the 12<sup>th</sup> National Math. Competition for College Students (non-MATH Major, for S.E.)
- **Outstanding Paper Nomination** in the "Shenzhen Cup" Math. Modeling Challenge National Finals (**1<sup>st</sup> Author**)
- **1<sup>st</sup> prize** in Beijing of the 16<sup>th</sup> and 17<sup>th</sup> National Mathematical Modeling Competition for College Students(**1<sup>st</sup> Author**)
- **1<sup>st</sup> prize** of the 11<sup>st</sup> National College Students E-Commerce "Innovation, Creativity and Entrepreneurship" Competition
- **2<sup>nd</sup> prize** of the 7<sup>th</sup> China "Internet +" College Students Innovation and Entrepreneurship Competition in Beijing

## SKILLS

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PROGRAMMING LANGUAGES AND LIBRARIES: C/C++, Python, Website, MATLAB, TensorFlow, Pytorch

ENGLISH: CET 500, Fluent **ACADEMIC** speaking and writing

HOBBIES: Marxism & World History, Basketball & Skating, Finance & Economics