

Shiming YU

QT404, Department of Computing, The Hong Kong Polytechnic University, Hong Kong SAR, China

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Education

University of Electronic Science and Technology of China

B.E. IN COMMUNICATION ENGINEERING

- School of Information and Communication Engineering

Chengdu, China

Aug, 2018 - Jul, 2022

The Hong Kong Polytechnic University

PH.D. IN COMPUTER SCIENCE

- Department of Computing

Hong Kong SAR, China

Aug, 2022 - Present

Research Interest

My research interest includes Low Power Wide Area Network (LPWAN), LoRa, Mobile Sensing.

Publications

Revolutionizing LoRa Gateway with XGate: Scalable Concurrent Transmission across Massive Logical Channels

Washington, D.C., USA

SHIMING YU, XIANJIN XIA, NINGNING HOU, YUANQING ZHENG, TAO GU

Sep.30 - Oct.4, 2024

- The 30th Annual International Conference On Mobile Computing And Networking (**MobiCom'24, CCF-A**).
- Conditionally accepted with shepherding.

Teaching Experience

2023 **COMP5311 Internet Infrastructure And Protocols**, Teaching Assistant, Fall Semester

2023 **COMP1011 Programming Fundamentals**, Teaching Assistant, Spring Semester

Honors & Awards

SCHOLARSHIP

2022-Now **Full Ph.D. Scholarship**,

PolyU

2019 **National Encouragement Scholarship**,

UESTC

2019 **Merit-based Outstanding Student Scholarship(Top 15%)**,

UESTC

2020 **Merit-based Outstanding Student Scholarship(Top 15%)**,

UESTC

COMPETITION

2020 **2nd Prize**, Intel Cup National Undergraduate Electronic Design Contest - Embedded System Design Invitational Contest

Shanghai, China

2020 **2nd Prize in Sichuan Division**, TI Cup National Undergraduate Electronic Design Contest

Chengdu, China

2020 **1st Prize**, "Mengsheng" Cup Electronic Design Contest

UESTC

2019 **3rd Prize in Sichuan Division**, TI Cup National Undergraduate Electronic Design Contest

Chengdu, China

2019 **2nd Prize**, "Mengsheng" Cup Electronic Design Contest

UESTC

OTHERS

2020 **Advanced Individual on Competition**, School of Information and Communication Engineering

UESTC

Professional Service

2023 **Invited reviewer of IEEE Transactions on Wireless Communications (TWC)**,

2023 **Invited reviewer of Computer Networks**,