

YIMENG HUANG

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huangyimeng@mail.ustc.edu.cn

EDUCATION

University of Science and Technology of China

Master of Engineering in Computer Science and Technology
School of Computer Science and Technology

2021.09 - Now

Overall GPA: 3.81/4.30

Xidian University

Bachelor of Engineering in Computer Science and Technology
School of Computer Science and Technology

2017.09 - 2021.07

Overall GPA: 3.9/4.0

Rank: 2/120

VISITING

Columbia University in New York

Academic Communication of Artificial Intelligence

2018.08 - 2018.09

RESEARCH INTERESTS

My research focuses on the Internet of Things and backscatter communication.

PUBLICATIONS

1. **Research on IEEE 802.11 OFDM Packet Detection Algorithms for Household Wireless Sensor Communication**

Y. Huang, L. Yuan and W. Gong
Appl. Sci. 2022, 12(14), 7232

2. **Efficient Single-Symbol Backscatter with Uncontrolled Ambient OFDM WiFi**

W. Gong, Y. Huang, Q. Wang, S. Chen, J. Zhao, and J. Liu
IEEE/ACM Transactions on Networking (Under Review)

HONORS & AWARDS

Academic Scholarships (First Prize), 2022

Outstanding Graduates, 2021

Outstanding Student Cadre (Provincial Level), 2021

National Scholarship, 2020

National Scholarship, 2019

National Inspirational Scholarship, 2018

STANDARDIZED TESTS

CET-6 559

EXTR-ACURRICULAR ACTIVITIES

• **Serve as the Monitor of My Class**

Awards during the tenure: Outstanding Student Cadre (School level)

2017.09 - 2021.07

• **Serve as College Student Assistant**

Awards during the tenure: Special Prize in the Micro Film Design Competition (Provincial Level)

2017.09 - 2020.07