

EDUCATION

The Hong Kong University of Science and Technology (HKUST)

Hong Kong, China

Master of Science in Telecommunication

09/2022-11/2023

- GPA: 3.59/4.0
- Selected courses: Digital Communication, Wireless Communication Systems, Mobile Edge computing and Edge Artificial Intelligence, Wireless Communication Networks, Multimedia Signal Processing, etc.
- Master Project: Mobile Edge Computing application in Vehicular Energy Network

Beijing University of Posts and Telecommunications (BUPT)

Beijing, China

Bachelor of Engineering in Telecommunications Engineering with Management

09/2018-07/2022

- GPA: 84.8/100
- Selected courses: Internet Protocol, Signal and System, Digital Signal Process, Communication theory, Telecom Systems, Microwave and Optical Transmission, Digital Circuit and Logic Design, C Programming Fundamentals, Advanced Java Network Programming, etc.

Queen Mary, University of London

London, UK

Bachelor of Engineering in Telecommunications Engineering with Management

09/2018-06/2022

- Degree: Bachelor of Science(Engineering) with Honours, Second Class(Upper Division)
- Joint training degree with **BUPT**

PUBLICATIONS

- ✓ (Accepted) **Yitong Li**, A Microstrip patch antenna for 5G mobile communications. *The 3rd International Conference on Signal Processing and Machine Learning (CONF-SPML 2023)*, 11 17th, 2022
- ✓ **Yitong Li**, Jiale Shi, Haochen Zhong. Design of Millimeter-Wave Microstrip Patch Antenna for 28 GHz Band. 2020, *The 5th International Conference on Multimedia Communication Technologies (ICMCT 2020)*

RESEARCH EXPERIENCES

Artificial Intelligence and Machine Learning

01/2021-02/2021

Overall Grade: Merit **National University of Singapore, Singapore**

- Learnt about AI and machine learning algorithms
- Completed future population estimation for Singapore and China with machine learning algorithms
- Compared and analysed multiple algorithms to gain the best prediction model

Antenna Technologies for 5G and Future Wireless Communications

03/2020-05/2020

Online Project-Based Research Programme led by *Dr. Kenneth Tong, UCL, UK*

Research details:

- Learned about the basic antenna definitions, such as impedance bandwidth, efficiency, gain, directivity, polarisation and array factor of an antenna array
- Applied numerical modelling tool CST to design antennas, with particular reference to a printed patch antenna
- Designed antennas and antenna systems to fulfill the requirements for mobile communications
- Did a final project designing a mobile phone antenna for 5G millimetre wave bands

- Abstract 'Design of Millimetre-Wave Microstrip Patch Antenna for 28 GHz Band' was accepted for presentation at the *2020 5th International Conference on Multimedia Communication Technologies (ICMCT2020)*
- Paper 'A Microstrip patch antenna for 5G mobile communications' was accepted at *The 3rd International Conference on Signal Processing and Machine Learning (CONF-SPML 2023)*, 11 17th, 2022

INTERNSHIPS

- Project Manager Assistant, Vestas Wind Technology (China) Company*** 04/2022-06/2022
- Under the supervisor of the Senior Project Manager, learnt the knowledge of installing and maintaining wind turbine generators; updated and organised the statistics of relevant fees of wind power plants; made data pivot tables, evaluating the performance of each wind power plant and screening the under-performed wind power plant
- Intern, ZX-CE TECH*** 09/2021
- Completed the practice course of EPC&5GC Operation and Maintenance Project and LTE&5G Wireless Network Product Commissioning Project
- Assistant to Algorithm Engineer, China Unicom Research Institute*** 07/2021-08/2021
- Learnt the fundamentals of graph neural network; applied the basic knowledge of programming, computing, and deep learning algorithms; and used image recognition and detection to finish PCB's defect classification and detection.
- Part-time Assistant, China Telecom European Headquarters*** 01/2021-02/2021
- Conducted customer demand analysis in the banking industry, did network design topology for a bank, and gave presentations to introduce my design of brand topology to customers.

AWARDS

Academic

- 10/2021 Third-Class Scholarship of the university, BUPT
- 12/2019 Third-Class Scholarship of the university, BUPT
- 12/2019 Merit Award in the 2nd Huajiao Cup National Collegiate Math Competition (Non-major Group) Preliminary
- 12/2019 Second-Prize in Mental Quality Education Work, Excellent Student Selection

SKILLS & INTERESTS

- Languages: Fluent in English(IELTS: 7.0); Native speaker in Chinese
- Computer: Python, Java, VHDL
- Hobbies: Sports, Documentaries