

Wenhai Lai

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EDUCATION

Beijing University of Posts and Telecommunications Sep 2017 - Jul 2021
School of Information and Communication Engineering Beijing

- **Degree:** Bachelor of Engineering
- **Major:** Information engineering
- **GPA:** 3.51/4.00

HONORS & AWARDS

National Encouragement Scholarship (国家励志奖学金) 2019.10
Merit student (校三好学生) 2019.10
School Learning Progress Award (校学习进步奖) 2019.10
University-level second-class scholarship (校二等奖学金) 2018.10
School Learning Progress Award (校学习进步奖) 2018.10

RESEARCH EXPERIENCE

1. Research of enabling distributed DNNs for ubiquitous web applications Jul 2019 - Jan 2020
Research assistant in State Key Laboratory Of Networking And Switching Technology
Advisor: Prof. Xiuquan Qiao, Dr. Yakun Huang

- Collected relevant literature and conducted a literature review
- Designed the resource allocation algorithm based on reinforcement learning
- Implemented the algorithm in Python
- Collected data of the experiment and drew graphs using Origin
- Completed the paper *Enabling Distributed and Collaborative Deep Neural Networks over Ubiquitous End Devices*

2. Research of GAN-based background transformation algorithm Jan 2020 - Oct 2020
Undergraduate researcher
Advisor: Dr. Bowen Dai

- Conducted a literature review and organized group discussions
- Collected and complied portrait data and background data
- Designed a portrait background transformation algorithm based on Cycle-GAN
- Implemented the algorithm in Python language and testing the result of the algorithm
- Complete the report of the project

RELATED COURSES

1. Machine Learning(by Andrew Ng)
2. Deep Learning(by Andrew Ng)
3. C++ Programming
4. Python Programming
5. Data structure and algorithm

SKILLS & COMPETENCIES

- **English Proficiency:** IELTS (academic) overall: 7.0 (Reading: 9)
- **Tools:** LaTeX, Origin, MATLAB, Microsoft Office Suit
- **Programming Language:** Python, C++
- **Interests:** Reading, play table tennis