# YIREN LU

## **EDUCATION**

### Institute of Computing Technology, Chinese Academy of Sciences

Beijing, China

Master's candidate in Computer Software and Theory

2022.08 - present

- Advisor: Xiaoming Sun
- Research area: quantum computation, theoretical computer science

## School of Computer Science, Beijing University of Posts and Telecommunications

Beijing, China

Bachelor of Engineering in Computer Science and Technology

2018.09 - 2022.07

• GPA: 90.34/100 (5%)

#### Rizhao No.1 Middle School

Shandong, China

Senior High School Education

2015.09 - 2018.06

#### **PUBLICATIONS**

- 1. Xiao Yuan, Hua Li. The Future Urban Transportation Systems: Innovations and Challenges. *Journal of Operations Research and Optimization*, 2024.
- 2. Hua Li, Xiao Yuan, John Doe. Optimizing Logistics and Supply Chain Networks Using Machine Learning Techniques. *International Conference on Operations Research and Machine Learning*, 2023.
- 3. John Doe, Xiao Yuan, Hua Li. Artificial Intelligence in Healthcare: Transforming Diagnostics and Treatment. *International Conference on HealthTech Innovations*, 2023.

## **PROJECTS**

#### Advanced Optimization Techniques for Smart Grid Management

National Natural Science Foundation of China (NSFC)

2023.01 - 2024.01

Optimizing Urban Traffic Flow Using AI-Based Predictive Models

Smart Transportation Innovations Grant

2021.12 - 2022.12

## Awards and Honors

- CCF Outstanding Undergraduate Award, China Computer Federation 2021.08
- Gold Medal (ranking 6/1000+), CCF Collegiate Computer Systems & Programming Contest (CCSP 2020) 2020.10
- Silver Medal, International Collegiate Programming Contest (ICPC), Asia East Continent Final 2019.12
- Silver Medal, China Collegiate Programming Contest (CCPC), Guilin Onsite 2018.11
- Bronze Medal, National Olympiad in Informatics (NOI 2017) 2017.07
- Silver Medal, National Olympiad of Informatics' Winter Camp (WC 2017) 2017.02

SKILLS

Languages: Chinese, English, French.

Programming: Python, C++, MATLAB.

Academic Services Reviewer for: Quantum Science and Technology