YIREN LU

luyiren12@gmail.com
http://yiren.lu

EDUCATION

Department of Automation, Tsinghua University Beijing, China
Ph.D. in Control Science and Engineering 2022 - 2028 *(expected)*
- Advisor: Prof. Xiao Yuan
- Research area: Operations Research and Machine Learning

Department of Precision Instrument, Tsinghua University Beijing, China
B.E. in Measurement and Control Technology and Instrument 2018 - 2022
- GPA: 0.00/4.00, Rank: 64/64.

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
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INTERNSHIPS

ABC Tech Ltd. | Shanghai, China 2024.01 - 2024.06
- Develop engaging content for social media platforms.
- Prepare reports and presentations summarizing research findings.

XYZ Tech Inc. | Shanghai, China 2023.07 - 2023.12
- Develop engaging content for social media platforms.
- Prepare reports and presentations summarizing research findings.

AWARDS AND HONORS

- **First Prize**, International Data Science Challenge 2023.11
- **Best Innovation Award**, Tech Startup Pitch Competition 2023.05
- **Excellence in Research Award**, Annual Research Symposium, 2022.12
- **Academic Scholarship**, Tsinghua University 2022.09

SKILLS

Languages: Chinese, English, French.
Programming: Python, C++, MATLAB.

ACADEMIC SERVICES

Reviewer for: *Quantum Science and Technology*