XIAO YUAN

# PH.D.

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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 flachine 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 Chal- lenges. *Journal of Operations Research and Optimization*, 2024.

1. Hua Li, **Xiao Yuan**, John Doe. Optimizing Logistics and Supply Chain Networks Using flachine Learning Techniques. *International Conference on Operations Research and Machine Learning*, 2023.
2. John Doe, **Xiao Yuan**, Hua Li. Artificial Intelligence in Healthcare: Transforming Diag- nostics and Treatment. *International Conference on HealthTech Innovations*, 2023.

# Projects

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| --- | --- |
| **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 |
| **ABC Tech Ltd.** *|* Shanghai, China | 2024.01 - 2024.06 |

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# Internships

* 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.

# Services

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| Awards | * **First Prize**, International Data Science Challenge | 2023.11 |
| and | * **Best Innovation Award**, Tech Startup Pitch Competition | 2023.05 |
| Honors | * **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 | **Reviewers for**: *Journal of Operations Research and Optimization*, |  |

*International Conference on Optimization and Machine Learning*,

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