

# Long CHEN

M.Phil. student at USTC, seeking Fall 2026 PhD opportunities

✉ lchen1307@ustc.edu    ☎ 86-15832692046    📍 No.96, JinZhai Road, Hefei, CN  
🆔 0009-0005-8445-6586    🔄 lchen1307    🌐 <https://lchen1307.github.io>

## EDUCATION

Sep 2023 – Ongoing | **University of Science and Technology of China**  
*M.Phil. in Management Science and Engineering*, GPA:3.82/4.3 (Rank: Top 5%)  
Main Courses: Convex Optimization, Integer Programming, Machine Learning, Intelligent Decision

Sep 2019 – Jun 2023 | **Jiangnan University**  
*B.S. in Industrial Engineering*, GPA:3.64/4.0 (Rank: Top 5%)  
Main Courses: Calculus, Linear Algebra, Statistics, Operations Research, Production and Operations Management, System Engineering, Experiments Design, Intelligent Optimization Algorithm

## RESEARCH INTERESTS

- Integer programming, approximation algorithm, and machine learning, emphasizing reliability and fairness
- Decision analytics for critical applications including emergency response and two-sided marketplaces

## Academic Research

3. **Long Chen**, Hongwei Xuan (2025) Joint Pricing and Matching Optimization in Shared Computing Platforms under Operations Constraints.
2. **Long Chen**, Lan Lu, Lindong Liu, Hongwei Xuan (2025) Extended Arc-Time-Indexed Formulation and Exact Approach for Flow Shop Scheduling.
1. Long Chen (2023) Optimizing Sequential Post-Flood Recovery Using Lagrangian Relaxation. Undergraduate Dissertation, advised by Prof. Qiang Lin and Prof. Lindong Liu.

## TEACHING EXPERIENCE

M5AE6409P.01: Large-Scale Integer Programming, Teaching Assistant, Summer of 2025  
M5AE6409P.02: Reinforcement Learning: Basics and State-of-the-Art, Teaching Assistant, Summer of 2025

## INTERNSHIP EXPERIENCE

Jan 2024 - May 2025 | **Changxin Memory Technologies, Inc.** *Operations Research Algorithm Engineer*  
Nov 2022 - Jun 2023 | **Bosch Powertrain Systems Co., Ltd.** *Industry 4.0 Smart Manufacturing Engineer*

## SELECTED HONORS

2024 | USTC Academic Scholarship First Prize  
2022 | China National Grants for Outstanding Students  
COMAP's Mathematical Contest in Modeling Honorable Mention  
2020 | China University Physics Experiment Competition Third Prize

## SKILLS

**Languages** Mandarin (native), English (fluent, IELTS 7.0)  
**Technical Skills** Python (4 years), MATLAB (5 years), C (5 years); Gurobi, SCIP, OR-Tools; Git, Jupyter, PyCharm