Long CHEN

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

✉ lchen1307@mail.ustc.edu.cn   📞 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%)
Sep 2019 – Jun 2023	**Jiangnan University** *B.S. in Industrial Engineering*, GPA:3.64/4.0 (Rank: Top 5%)

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

WORK IN PROGRESS

3. Miaolan Xie, **Long Chen** (2025) High-Probability Convergence Analysis for Learning-Based Integer Programming Methods.

2. **Long Chen**, Hongwei Xuan (2025) Joint Pricing and Matching Optimization in Shared Computing Platforms under Operations Constraints.

1. **Long Chen**, Lan Lu, Lindong Liu, Hongwei Xuan (2025) Extended Arc-Time-Indexed Formulation and Exact Approach for Flow Shop Scheduling.

TEACHING EXPERIENCE

University of Science and Technology of China

MSAE6409P.01: Large-Scale Integer Programming, Teaching Assistant, Summer of 2025
MSAE6409P.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