

Long CHEN

M.Phil. student at USTC, focusing on Operations Research and Optimization, seeking Fall 2026 PhD opportunities

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EDUCATION

Sep 2023 – Ongoing | **University of Science and Technology of China**
M.Phil. in Management Science and Engineering, GPA:3.82/4.3 (Top 5%)

Sep 2019 – Jun 2023 | **Jiangnan University**
BS in Industrial Engineering, GPA:3.64/4.0 (Top 5%)

RESEARCH INTERESTS

- Integer programming, statistical learning, and optimization algorithms, 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)

Technical Skills Python (4 years), MATLAB (5 years), C (5 years); Gurobi, SCIP, OR-Tools; Git, Jupyter, PyCharm

Last updated: June 2025