

# Jian Liu

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## EDUCATION

### **The Chinese University of Hong Kong**

Ph.D. Candidate in Systems Engineering & Engineering Management

Advisor: Prof. Huifu Xu

*Hong Kong SAR*

*2020-2025 (Expected)*

### **Dalian University of Technology**

M.S. in School of Mathematical Sciences

Advisor: Prof. Jia Wu

*Dalian, China*

*2017-2020*

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## RESEARCH

- [1] **J. Liu**, H. Sun and H. Xu, Bayesian-Nash-Bertrand Equilibrium in Price Competition under Multinomial Logit Demand, 2024. To appear in *European Journal of Operational Research*.
  - [2] **J. Liu**, Z. Su and H. Xu, Bayesian Distributionally Robust Nash Equilibrium and Its Application, 2024. To appear in *Pacific Journal of Optimization*: Special issue dedicated to Prof. Terry Rockafellar on the occasion of his 90th birthday.
  - [3] **J. Liu** and H. Xu, Robust Mean-Square-Variance Profit Nash-Bertrand Equilibrium in Price Competition under Multinomial Logit Demand, 2024. Submitted to *Journal of Optimization Theory and Applications*.
  - [4] **J. Liu** and H. Xu, Generalized Bayesian Nash Equilibrium in Supermodular Games. Working paper.
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## TEACHING

### **Teaching Assistant, The Chinese University of Hong Kong**

ECLT 5930B - SEEM 5740B: Engineering Economics

SEEM 5350: Numerical Optimization

ENGG 2760D: Probability for Engineers

SEEM 3500: Quality Control and Management

*2024-2025*

*2021-2023*

*2020-2024*

*2021-2022*

### **Teaching Assistant, Dalian University of Technology**

Advanced Mathematics

*2018-2020*

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## AWARDS & HONORS

CUHK Postgraduate Studentships

The CUHK Reaching Out Award (ROA)

Huawei Cup China Post-Graduate Mathematical Contest in Modeling, First Prize

*2020-2024*

*2023*

*2018*

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