

# Long Ren

Qiusuo Building 1151, Huixin East Street, Chaoyang District, Beijing, China University of  
International Business and Economics  
(+86)18210434057; renl@uibe.edu.cn.



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## Employment

### **Associate Professor**

Jan 2021 - Present

School of Information Technology & Management, University of International Business and Economics,  
Beijing, China

### **Assistant Professor**

Aug 2018 - Dec 2020

School of Information Technology & Management, University of International Business and Economics,  
Beijing, China

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## Research Interest

Operations and Supply Chain Management (OM & Finance Interface, OM & Marketing Interface), Economics of  
Information Systems, Decision Analysis & Business Analytic

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## Education

### **Ph.D. in Management Science and Engineering**

Aug 2012 - Jul 2018

School of Economics and Management, Tsinghua University, Beijing, China

Advisor: Prof. Jian Chen

Dissertation Title: Essays on Operations-Finance Interface with Budget Constraint and Foreign Exchange Risks

### **Visiting Scholar, Operations & Manufacturing Management**

Nov 2015 - Nov 2016

Olin Business School, Washington University in St. Louis, Missouri, US

Advisor: Prof. Lingxiu Dong, Prof. Dennis Zhang.

### **B.S. in Industrial Engineering**

Aug 2008 - Aug 2012

Northeastern University, Shenyang, China

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## Courses

**International Logistics Management, Management Information Systems**

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## Selected Publications

[P1] “**Optimal Contract Design with A Common Agency in Last-mile Logistics**”, *Transportation Research Part E: Logistics and Transportation Review*, 2020, 139, 101956.

[P2] “**Who Benefits from Online Financing? A Sharing-economic E-tailing Platform Perspective**”, *International Journal of Production Economics*, 2020, 222, 107490.

[P3] “**Online choice decision support for consumers: Data-driven analytic hierarchy process based on reviews and feedback**”, *Journal of Operational Research Society*, 2022, forthcoming.

[P4] “**Consumer preference analysis based on text comments and ratings: A multi-attribute decision-making perspective**”, *Information & Management*, 2022, 59(3), 103626.

[P5] “**Forecasting the subway passenger flow under event occurrences with multivariate disturbances**”, *Expert Systems with Applications*, 2022, 188, 116057.

[P6] “**Robust Consumer Preference Analysis with Social Network**”, *Information Sciences*, 2021, 566, 379-400.

[P7] “**Continuous exp strategy for consumer preference analysis based on online ratings**”, *IEEE Transactions on Fuzzy Systems*. 2021, 30(7), 2621-2633.

[P8] “**Will Risk Management Always Add Value? A Competition Perspective**”, *Journal of Industrial Engineering and Engineering Management (Chinese)*, 2019, 33(3), 17-23.

[P9] “**The Value of Factor Financing, a Risk Management Perspective**”, *Chinese Journal of Management Science (Chinese)*, 2017, 25 (9), 63-70.

[P10] “**Technology outsourcing contract with downside risk averse provider,**” *Chinese Journal of Management Science* (Chinese), 2017, 25 (4), 184-189.

#### Submitted Manuscripts and Manuscripts under Revision

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[S1] “**Financing Small and Medium-Size Enterprises via Retail Platforms,**” with Lingxiu Dong, Dennis Zhang, *Second round R&R at M&SOM.*

[S2] “**Integrated Capacity and Exchange Rate Hedging in Multi-Markets under Value-at-Risk**”, with Jian Chen, Qing Ding, and Jeanette Song, under review at *Operations Research.*

[S3] “**Joint Order and Pricing Decisions with Value-at-Risk Consideration**”, with Jian Chen and Qing Ding, *Third round R&R at Naval Research Logistics.*

#### Conference Presentations

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[C1] Financing Small and Medium-Size Enterprises via Retail Platforms, Interface of Finance, Operations and Risk Management (iFORM) Special Interest Group (SIG) Conference, 2019 M&SOM conference, Singapore, 2019; 2021 INFORMS annual meeting, California (US), 2021.

[C2] Value at Risk, Capacity, and Exchange Rate Hedging in Multiple Global Markets, 2019 POMS annual conference, Washington D.C. (US), 2019.

[C3] Financing Sellers via E-commerce Platform in the Presence of Seller Competition, 2016 INFORMS annual meeting, Nashville (US), 2016.

#### Awards and Honors

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<b>Tsinghua University-Li Chang &amp; Feng Lanyu Scholarship</b> , Tsinghua University	2018
<b>2017 GARP Scholarship</b> , Global Association for Risk Professionals	2017
<b>Tsinghua University-Suzhou Industrial Park Scholarship</b> , Tsinghua University	2016
<b>National Scholarship</b> , Ministry of Education of the People’s Republic of China	2009 - 2011
<b>Mathematical Contest in Modeling, Honorable Mentions</b> , SIAM, NSA, INFORMS	2011
<b>China Undergraduate Mathematical Contest in Modeling, First Prize</b> , Society for industrial and applied mathematics China	2010

#### Skills

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**Computer Skills:** C, Visual Basic (VBA), SQL, Matlab, R, Mathematica, Python

**Languages:** Native in Mandarin, fluent in English

**Vocational certificate:** FRM (Financial Risk Manager) Holder, Certificate of Security Qualification, Certificate of Fund Qualification, Certificate of Futures Qualification

#### Industrial Experience

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**Quantitative Risk Manager**, *PetroChina International Company Limited* Jul 2017 - Aug 2017

- VaR-based system development;
- Market (commodity price) risk analysis;
- Stress test and back-test;
- Energy trading social network analysis (with Platts database).

**Industrial Engineering Intern**, *Michelin China Investment Co.* Dec 2011 - Jun 2012

- Developed management information system (with VB) for labor bonus;
- data-driven operations;
- Business process re-engineering.

#### Professional Memberships

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Members of INFORMS, POMS, SIAM (Society for Industrial and Applied Mathematics), GARP (Global Associations for Risk Professionals); Referees for *Asia Pacific Journal of Operational Research*, *Decision Sciences*, *Electronic Commerce Research and Applications*, *European Journal of Operational Research*, *IEEE Transactions*, *International Journal of Production Economics*, *Omega*, *Production and Operations Management*, *Research Policy*.