

## Academic Qualification

- **Master of Science in Economics** **09/2021-09/2022**  
**University:** The University of Warwick
- **Bachelor of Science in Economics** **09/2016-06/2020**  
**University:** Northeastern University at Qinhuangdao(NEU)  
**GPA:** 3.9/5.0 ( Ranking: 5/63, 90.36% for core courses) (Outstanding Graduate in Hebei Province)  
**Scholarships:**
  - NEU First-class Scholarship (11/2018)
  - NEU Second-class Scholarship (06/2019 & 10/2019)
  - NEU Third-class Scholarship (06/2017 & 11/2017 & 06/2018)
  - NEU Scholarship of Innovation and Entrepreneurship (06/2020 & 06/2019)

## Publications

- [1] Chen J, **Wang X**, Liu J. Corporate social responsibility and capacity sharing in a duopoly model[J]. Applied Economics Letters, 2021, 28(6): 512-517.(indexed by SSCI)
- [2] Chen J, **Wang X**, Chu Z. Capacity sharing, product differentiation and welfare[J]. Economic research-Ekonomska istraživanja, 2020, 33(1): 107-123. (indexed by SSCI/Q2)
- [3] Chen J, Zhang X, **Wang X**. Multi-dimensional Perspective on Market Structure and Industry Excess Capacity: Theoretical Research and Empirical Test [J]. Industrial Organization Review, 2019, 13(03): 88-106. (indexed by CSSCI)
- [4] Liu B, Wang Y, **Wang X**, et al. Excess Capacity of Higher Education Products Based on Duopoly Model[J]. Educational Sciences: Theory & Practice, 2018, 18(5). (indexed by SSCI)

## Research Works

- **The Mixed Oligopoly-based Model Optimum Governmental Behavioral Study of Excess Capacity Reduction in Hebei Province (Supported by The Natural Science Foundation for Young Scholars of Hebei Province)** **01/2018-12/2020**  
We researched on the optimum government behavior of Hebei province's capacity reduction by designing a mixed oligopoly model.
  1. We used game theory knowledge to build a vertical industrial market model in which upstream and downstream enterprises participate, investigate the influence of government regulations on enterprises' selection of capacity, and used Maple and MATLAB to deduce the formula of the game model.
  2. We constructed a duopoly market model to reveal the implementation conditions and functions of capacity sharing and the role of product differentiation. This is significant to promote the development of capacity sharing market.
- **The Influential Factors and Governance and Countermeasures of China-styled Excess Capacity (Supported by the Fundamental Research Funds for the Central Universities)** **01/2018-12/2019**  
We established three-stage dynamic sequential game model with enterprise and labor union as participators, and explore the influence of labor union's abilities of centralization and negotiation on excess production.
- **A Study on the Employee Placement in the Process of Capacity Reduction in Hebei Province (Supported by Social Sciences Foundation of Hebei Province)** **10/2017-10/2018**  
Through reading a lot of foreign literature, we sorted out the research methods, innovation points and conclusions used in the literature, and learned to write literature review. We put forward some suggestions on how to reasonably settle the employees in Hebei province during the process of capacity reduction.
- **A Study on the Measurement, Influential Factors, and Governance and Countermeasures of China's Excess Capacity (Outstanding undergraduate science technology innovation & entrepreneurship project)** **10/2017-10/2018**  
We explored the causes and solutions of overcapacity in Hebei Province in multiple dimensions, through empirical and normative analysis.  
Tools: Maple and MATLAB for formula reasoning and graphic design; Stata and Eviews used for calculating the capacity utilization of capacity of key industries.

- **Study on the Sustainable Utilization of Water Resources in Water-deficient Cities: A Case study of Erenhot City (The report was awarded the Second-prize in the Seventh Undergraduates' Energy Conservation & Emission Reduction Social Practice and Technology Competition)** 06/2017-11/2017

This research report analyses the sustainable utilization of water resources in the water-deficient cities by relevant theories of sustainable development on the basis of data and information through field investigation.

## Internships

**General Manager Assistant | Shijiazhuang Fumei Commerce and Trade Company Limited** 08/2018-09/2018

Delivered messages to departments and personnel that were concerned, answered telephone, received victors; purchase and management of office supplies; attendance management.

**Research assistant | Hebei Provincial Department of Science and Technology** 09/2020-03/2021

Participated in the formulation of the "14th Five-Year Plan" for Hebei Province's scientific and technological innovation and participated in the research of the "Research on Supporting Policies for New-type R&D Institutions in Hebei Province".

## Additional Information

### • Prizes & Awards:

Outstanding Graduate in Hebei Province	06/2020
Grand Prize in the 16th "Challenge Cup" National College Students' Extracurricular Academic Science and Technology Competition (by creating an essay named "Excess production capacity in Hebei province, the causes and resolve: theory and empirical research")	06/2019
Grand Prize in the Tenth "Neusoft" Entrepreneurship Competition	06/2019
Honorable Mention Price in 2018 Mathematical Contest in Modeling (MCM), intake: 20%	04/2019
Second-prize in 2019 ACM International Collegiate Programming Contest, intake: 15%	04/2019&04/2018
Outstanding Student Leader in the academic year of 2017-2018	12/2018
Second-prize in the Seventh University Student Social Practice and Science Contest on Energy Saving & Emission Reduction	06/2018
Third-prize in NEU Preliminary of National Undergraduates' E-business	05/2018

### • Techniques:

Proficient in software tools including Matlab, Maple, Stata, Eviews, Latex.

### • Volunteer Experience:

Excellent Volunteer of the 2018 Qinhuangdao International Marathon Championships	05/2018
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