

**Curriculum Vita Guizhou Wang**

October 29, 2023

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ORCID: <https://orcid.org/0000-0001-5297-8105>Website: <https://www6.uis.no/ansatt/GuizhouWang/>Google Scholar: [scholar.google.no/=UO7XEhwAAAAJ](https://scholar.google.no/=UO7XEhwAAAAJ)**Education and professional affiliations****2021-10 – Present: PhD research fellow**, [University of Stavanger](#), Stavanger, Norway.Department/Faculty: [Department of Safety, Economics, and Planning](#), Faculty of Science and Technology.

PhD dissertation title: “Game Theoretic Modelling of Economic Systems Involving Digital Currencies.” The PhD dissertation is completed and ready for delivery. The PhD dissertation defense is scheduled for 2024. The defense date depends on my job market success as my PhD scholarship, which runs until October 13, 2024, gets terminated when I have completed the defense.

Research topics: Digital currencies, economic system, risk analysis, central bank digital currencies (CBDCs), Bitcoin, cryptocurrencies, investment, conflict, financial technology, digitalization, game theory, econometrics, statistics, informatics, bibliometrics.

Supervisor: Professor [Kjell Hausken](#).Dean: Professor [Tore Markeset](#).**2016-09 – 2019-06: Master in economics**, [University of Chinese Academy of Sciences](#), Beijing, China.Department: [School of Economics and Management](#).

Courses: Advanced Economics, Advanced Management, Mathematical Economics, Statistical Methods, Econometrics, Economics of Innovation and Entrepreneurship, Management of Technological Innovation, Statistical Analysis Using Stata, Econometric Analysis of Panel Data, Information Analysis Literacy, Statistical, SAS Implementation, etc.

Study points: 88/100 over 39.5 credits.

Master thesis: Exploring Venture Capital's Role in Assessing and Fostering Entrepreneurial Ventures: Insights from China's Growth Enterprise Market.

Supervisor: Professor [Qiao Han](#).Dean: Professor [Shouyang Wang](#).**2010-09 – 2014-06: Bachelor in financial engineering**, [Jinan University](#), Guangzhou, China.Department: [School of International Business](#).

Courses: Advanced Mathematics, Mathematical Modeling, Microeconomics, Macroeconomics, Linear Algebra, Probability Theory, Mathematical Statistics, Econometrics, Financial Econometrics, Investment Fund, Securities Investment, Foreign Exchange Trading, Central Banking, Financial Market, Investment Banking, Corporate Finance, Public Finance, Commercial Bank Management, Venture Investment, International Finance, International Trade, Public Finance, etc.

Bachelor thesis: Exploring the Impact Factors of the "Three-High" IPO Phenomenon through the Lens of Registration System Reform: An Empirical Study on A-Share Market Data.

Study points: 85/100 over 170 credits.

## Research fields

Digital currencies, economic system, Bitcoin, blockchain and cryptocurrencies, CBDCs, digitalization, energy economics, financial technology, financial inclusion, green finance, investment, business analytics, risk analysis, conflict and safety, resilience, graduate employability, gender perspective, organization and governance, entrepreneurship and innovation, game theory, econometrics, statistics, informatics, bibliometrics.

## Peer-reviewed publications with ISSN/ISBN (\*: Corresponding author)

1. Qiao H., **Wang G.** and Wang S. (2020). “Can Venture Capital Screen and Foster Entrepreneurial Firms? Empirical Evidence from Fuzzy Regression Discontinuity,” *Systems Engineering Theory and Practice* 40, 12, 3059–3079, <https://doi.org/10.12011/SETP2019-0625>
2. **Wang, G.**, Welburn, J.W. and Hausken, K. (2020), “A Two-Period Game Theoretic Model of Zero-Day Attacks with Stockpiling,” *Games* 11, 4, 1-26, Article number 64, <https://doi.org/10.3390/g11040064>
3. Wang J., Zheng J., Ren X., Wang S., **Wang G.**, Hu B., Yang H. and Liu H. (2020), “Integrative Analysis of Hepatic Metabolomic and Transcriptomic Data Reveals Potential Mechanism of Nonalcoholic Steatohepatitis in High-fat Diet-fed Mice,” *Journal of Diabetes* 13, 5, 390-401, <https://doi.org/10.1111/1753-0407.13120>
4. **Wang, G.** and Hausken, K. (2021), “Governmental Taxation of Households Choosing Between a National Currency and a Cryptocurrency,” *Games* 12, 2, 1-24, Article number 34, <https://doi.org/10.3390/g12020034>
5. **Wang, G.**, Zhang, S., Yu, T. and Ning, Y. (2021). “A Systematic Overview of Blockchain Research,” *Journal of Systems Science and Information* 9, 3, 205-238, <https://doi.org/10.21078/JSSI-2021-205-34>
6. Yin, L., Li, C. and **Wang, G.\*** (2021), “How does Entrepreneurs' Salaries Affect External Financing Ability of SMEs,” *Financial Regulation Research* 113, 5, 16-32, <https://doi.org/10.13490/j.cnki.frr.2021.05.002>
7. **Wang, G.** and Hausken, K. (2022), “A Bitcoin Price Prediction Model Assuming Oscillatory Growth and Lengthening Cycles,” *Cogent Economics and Finance* 10, 1, 2087287, <https://doi.org/10.1080/23322039.2022.2087287>
8. **Wang, G.** and Hausken, K. (2022), “A Game Between Central Banks and Households Involving Central Bank Digital Currencies, Other Digital Currencies and Negative Interest Rates,” *Cogent Economics and Finance*, 10, 1, 2114178, <https://doi.org/10.1080/23322039.2022.2114178>
9. **Wang, G.** and Hausken, K. (2022), “A Generalized Interest Rates Model with Scaling,” *International Journal of Economics and Financial Issues* 12, 5, 143–150. <https://doi.org/10.32479/ijefi.13392>
10. **Wang, G.** and Hausken, K. (2022), “A Two-Period Decision Model for Central Bank Digital Currencies and Households,” *International Journal of Finance & Banking Studies* 11, 2, 49-68, <https://doi.org/10.20525/ijfbs.v11i2.1789>
11. **Wang, G.** and Hausken, K. (2022), “Comparative Analysis of Households and Digital Currencies for the US, China and Russia,” *International Journal of Finance & Banking Studies* 11, 2, 69-86, <https://doi.org/10.20525/ijfbs.v11i2.1790>
12. **Wang, G.** and Hausken, K. (2022), “Competition Between Variable-Supply and Fixed-Supply Currencies,” *Economies* 10, 11, 270, <https://doi.org/10.3390/economies10110270>
13. **Wang, G.** and Hausken, K. (2022), “Conventionalists, Pioneers and Criminals Choosing Between a National Currency and a Global Currency,” *Journal of Banking and Financial Economics* 2, 16, 104-133, <https://doi.org/10.7172/2353-6845.jbfe.2021.2.6>
14. **Wang, G.** and Hausken, K. (2022), “Interest Rates, the Taylor Rule, the Quantity Equation,

- and the Phillips Curve,” Eurasian Journal of Economics and Finance 10, 3, 83-93.  
<https://doi.org/10.15604/ejef.2022.10.03.001>
15. **Wang, G.** and Hausken, K. (2022), “The Evolution of Fixed-Supply and Variable-Supply Currencies,” Humanities & Social Sciences Communications 9, 137,  
<https://doi.org/10.1057/s41599-022-01150-3>
  16. **Wang, G.** and Hausken, K. (2023), “Applying Growth Models as a Research Method,” SAGE Research Methods Business, <https://doi.org/10.4135/9781529670318>
  17. **Wang, G.** and Hausken, K. (2023), “Comparing Growth Models with Other Investment Methods,” Journal of Finance and Investment Analysis, 12, 1, 1-9,  
<https://doi.org/10.47260/jfia/1211>
  18. **Wang, G.** and Hausken, K. (2023), “Modeling Which Factors Impact Interest Rates,” Journal of Central Banking Theory and Practice, 12, 2, 211-237,  
<https://doi.org/10.2478/jcbtp-2023-0020>
  19. Yu, F. and **Wang, G.\*** (2023), “Assessing the Impact of Business Model Innovation on Firm Performance: Insights from the China Growth Enterprise Market,” International Business Research, 16,4, 51-63, <https://doi.org/10.5539/ibr.v16n4p51>
  20. Yu, F., Yin, L. and **Wang, G.\*** (2023), “A Worldwide Assessment of Quantitative Finance Research through Bibliometric Analysis,” Applied Economics and Finance, 10, 2, 1-17,  
<https://doi.org/10.11114/aef.v10i2.5949>
  21. Cui, H., and **Wang, G.** (2023), “Expanded Interest Rate Model: An Analysis of Monetary Policy Considering Money Supply and Money Velocity,” Exploration of Financial Theory Forthcoming
  22. **Wang, G.** and Hausken, K. (2023), “Hard Money and Fiat Money in an Inflationary World,” Research in International Business and Finance 67, 102115,  
<https://doi.org/10.1016/j.ribaf.2023.102115>

### Summary and rankings of the peer-reviewed publications

Publication number	Journal	Levels in the Norwegian Register for Scientific Journals	RePEc ranking	Academic Journal Guide ranking	Scientific Journal Rankings ranking
1	System Engineering Theory and Practice (Chinese Social Sciences Citation Index)	1	/	/	Q2
2	Games	1	915	1	Q3
3	Journal of Diabetes	1	/	/	Q2
4	Games	1	915	1	Q3
5	Journal of Systems Science and Information	1	2581	/	Q4
6	Financial Regulation Research (Chinese Social Sciences Citation Index)	/	/	/	/
7	Cogent Economics and Finance	1	1018	1	Q3
8	Cogent Economics and Finance	1	1018	1	Q3
9	International Journal of Economics and Financial Issues	1	983	/	Q3
10	International Journal of	1	1598	/	/

	Finance & Banking Studies				
11	International Journal of Finance & Banking Studies	1	1598	/	/
12	Economies	1	951	1	Q2
13	Journal of Banking and Financial Economics	1	441	/	/
14	Eurasian Journal of Economics and Finance	1	1651	/	/
15	Humanities & Social Sciences Communications (Springer Nature)	1	1390	/	Q1
16	SAGE Research Methods Business	/	1452	/	/
17	Journal of Finance and Investment Analysis	1	1501	/	/
18	Journal of Central Banking Theory and Practice	1	1217	/	Q3
19	International Business Research	0	1776	/	/
20	Applied Economics and Finance	0	1583	/	/
21	Exploration of Financial Theory (China National Knowledge Infrastructure Journal Indexing)	/	/	/	/
22	Research in International Business and Finance	1	367	2	Q1

**Work in progress** (■: Manuscript completed)

1. Liu, D. and Wang, G. (2023), "Graduate Employer Perspectives in the Academic Landscape" In progress.
2. Liu, D. and Wang, G. (2023), "Gender Difference in Higher Education: Evidence from North European Nations" In progress.
3. Xiong W.Y., Liu, D. and Wang, G. (2023) "Academic Network Resilience: Insights from the EU-China Higher Education Research Collaborations" In progress.
4. Tan, C.Y., Liu, D. and Wang, G. (2023), "Digital Parenting: Mapping the Landscape and Research Trends," In progress.
5. Wang, G. (2023), "Can Green Finance, Green Technologies, and Environmental Policies Enhance Sustainability: Evidence from OECD Countries," In progress.
6. Wang, G. (2023), "Mapping the Circular Economy Current Trends and Future Directions," In progress.
7. Wang, G. (2023), "Exploring Research Trends of Financial Inclusion A Data-driven Scientometric Analysis," In progress.
8. Wang, G. (2023), "Bitcoin, energy and democracy," In progress.
9. Wang, G. (2023), "Ethereum's Evolution the Shift from Proof of Work to Proof of Stake," In progress.
10. Wang, G. (2023), "Ethereum's Price Dance Unveiling the NFT Market Connection," In progress.
11. Wang, G. (2023), "Investigating the Influence of Energy Commodity Prices on Bitcoin: Evidence from the ARDL Model," In progress.

12. Wang, G. (2023), "The Impacts of Bitcoin on the Financial and Economic Research: A Bibliometric Analysis," In progress.
13. Wang, G. and Cui, H. (2023), "Exploring the Impact of Post-Investment Management on Investment Performance: Evidence from Chinese Equity Investment Funds," Submitted to *Journal of Applied Finance & Banking*.
14. Yu, F., Cui, H. and Wang, G. (2023), "Exploring the Landscape of Green Finance: A Bibliometric Analysis of Research Frontiers, Evolution, and Future Directions," Submitted to *Environment, Development and Sustainability*.
15. Wang, G. and Hausken, K. (2023), "A Gametheoretic Analysis of Bitcoin Mining Between Countries," In progress.
16. Wang, G. and Hausken, K. (2023), "A Gametheoretic Analysis of the Rise and Fall of World Reserve Currencies," In progress.
17. Wang, G. and Hausken, K. (2023), "A Gametheoretic Analysis of the Coexistence of Hard and Fiat Money," Submitted to *Games and Economic Behavior*.
18. Wang, G. and Hausken, K. (2023), "A Gametheoretic Model of Central Bank Digital Currencies, Cryptocurrencies and Assets," In progress.
19. Wang, G. and Hausken, K. (2023), "Cryptocurrencies and Central Bank Digital Currencies: Competition or Coexistence?" In progress.
20. Wang, G. and Hausken, K. (2023), "Currency Competition, Transaction Efficiency, Switching Costs," In progress.
21. Wang, G. and Hausken, K. (2023), "Decoding Bitcoin Research Worldwide Insights from Bibliometric Analysis" Submitted to *Technology Analysis & Strategic Management*.
22. Wang, G. (2023) and Hausken, K. (2023), "The Relationship between Bitcoin Price and Fed Net Liquidity: Insights from Continuous Wavelet Transforms," In progress.
23. Wang, G. and Hausken, K. (2023), "Taylor Rule with Bitcoin and Central Bank Digital Currency," In progress.

### **Industrial experience**

**2019-07 – 2020-09: Business analyst** (full time), [BOC Fullerton Community Bank](#), Beijing, China.

Company description: Top one community bank in China, formed by [Bank of China](#) and [Temasek's Fullton Financial Holdings](#), managing over \$13+ billion in assets.

Responsibilities: I adopted statistical methods to analyze banking data and wrote business monitoring reports quarterly. I calculated and reviewed staff performance, provided quarterly training on performance management for 134 branches and 5000+ marketing employees. I collaborated closely with the BI department, effectively coordinating efforts to develop and improve the performance appraisal system. Leveraging historical data and the bank's strategies, I proactively predicted the annual budget.

**2015-10 – 2016-08: Senior investment manager** (full time), [Wanhui Tianxia Ventures](#), Shenzhen, China.

Company description: [Wanhui Tianxia Ventures](#) is a new equity management institution based in Shenzhen, founded by experienced financial professionals, managing \$15+ million in assets.

Responsibilities: I assisted lawyers in opinion drafting, managed private fund manager registration, and managed fund product documentation. I kept track of emerging technologies and business models and actively sought out potential projects, focusing on fintech, new energy, and sharing economy. I conducted thorough research and performed financial modeling to assess the investment feasibility, risk factors, and growth potential of these projects. I participated in due diligence procedures,



negotiations, board meetings and projects reports generating. I produced project reports assessing investment feasibility, risk factors, and growth potential.

**2014-07 – 2015-08: Bank customer manager** (full time), [Xiamen International Bank](#), Zhuhai, China.

Company description: China's first Sino-foreign joint venture bank, manages \$145+ billion in assets and ranks 158th globally according to the Banker magazine.

Responsibilities: I marketed products and services to potential customers. I collected and verified necessary loan materials for the approval process and gave feedback to the risk management department. I conducted comprehensive analysis and assessment of target companies, evaluating their financial stability, creditworthiness, and potential risks. Thereafter, I wrote loan applications that effectively communicated the company's financial position and loan requirements. I participated in customer visits, cross visits, and post-loan visits, fostering strong relationships with clients and gaining valuable insights into their needs and feedback. I led a 5-member team for a customer satisfaction survey, designing questionnaires and metrics covering financial products, service personnel, and business processes, conducting telephone interviews, analyzing 218 customer opinions, and producing a 67-page internal report.

### **Additional experience**

**2017-09 – present: Crypto investor** (part time), individually.

Description: I have a keen interest in blockchain technology and have been actively trading and holding crypto on a part-time basis since 2017. I've consistently demonstrated my dedication and involvement as an individual crypto investor.

Summary: Extensive experience navigating the dynamic landscape of the cryptocurrency market. In-depth knowledge of various blockchain technologies and digital assets. Continuously staying abreast of market trends and evolving investment strategies in the crypto space. Actively managing a diverse crypto portfolio.

**2020-10 – 2021-09: Crypto analyst** (part time), DTF Labs, Shenzhen, China.

Company description: A venture capital fund that invests in crypto, web3, decentralized finance, AI and blockchain startups.

Responsibilities: I participated in trading on both centralized exchanges e.g. Binance, OKX, Gate, ByBit, Bitget, and decentralized exchanges including Uniswap, Sushiswap, Pancakeswap, 1inch. My trading activities span across various blockchains, including Ethereum, Binance Smart Chain, Arbitrum, Solana, and Polygon. I analyzed crypto projects in Layers 1 and 2, Decentralized Finance, Web 3, trading bots, artificial intelligence, Non-Fungible Tokens, Metaverses, airdrops, and meme coins. My expertise extends to blockchain technology, smart contracts, market sentiment analysis, and token economics. This has empowered me to make informed investment decisions in the crypto market.

**2018-06 – 2018-09: Research assistant** (internship), Beijing Vast Fund Management Ltd, Beijing, China.

Company description: A private equity investment firm founded by [VastData technology](#), a prominent leader in data technology and a publicly listed company on the main board of the Shanghai Stock Exchange, Stock code: 603138.SH.

Responsibilities: I joined a research project on industrial robots for informed investments. I wrote an 89-page report analyzing and comparing domestic industrial robots' industry with global markets and presented it to the investment committee.

**2017-09 – 2018-02: Investment assistant** (internship), Beijing Excellence in Trust Investment Management Ltd, Beijing, China.

Company description: A professional investment management and comprehensive financial services firm under **CITIC Trust**. The core team members possess extensive experience in asset management and capital operations.

Responsibilities: I wrote reports on directional private placements of listed companies and created corresponding PowerPoint presentations for investment roadshow. I established a comprehensive database for Public-Private Partnership projects focusing on listed companies in Shandong Province. I participated in preparing materials for the Shandong Province New and Old Kinetic Energy Conversion New Energy Fund of Funds.

### **Teaching metrics**

Summary: I possess the expertise to develop and lead courses across a range of fields, e.g. digital currencies, blockchain, Bitcoin and cryptocurrencies, decentralized finance, non-fungible tokens, panel data analysis, time series analysis, econometrics models, statistical analysis using Stata, business analytics with Excel, informatics and bibliometric, information analysis literacy, game theory and risk analysis, crisis management, commercial banking and cooperate finance, entrepreneurship and venture investment, business models, etc.

My teaching proficiency primarily spans across undergraduate, graduate, and MBA levels.

### **Assistant in PhD course game theory and risk analysis, 2021-12 – 2022-03.**

Department of Safety, Economics, and Planning, University of Stavanger, Stavanger, Norway.  
Level: PhD.

- Joined discussions and exchanged insights with the course instructor, enriching my understanding of game theory and risk analysis concepts.
- Refined the course materials into slides for all chapters and presented them to the course instructor.
- Engaged in critical analysis of research articles, contributing to deep understanding of the concepts and applications, and generating novel research ideas.
- Demonstrated effective communication and collaboration skills in the one-on-one learning environment. Coordinated with administrative staff to ensure the course's schedule and logistics.

### **Webinar course instructor: Cryptocurrencies investment, 2021-07 – 2021-08.**

DTF Labs.

Level: Financial Investors.

- Prepared structured course materials. Organized four sessions attracting more than 100 financial investors interested in cryptocurrencies.
- Each session lasted around 2.5 hours, with 2 hours devoted to presentations and 30 minutes for interactive discussions and Q&A.
- As the main speaker, covered a diverse spectrum of topics, e.g. blockchain, crypto basics, Bitcoin, Decentralized Finance, Non-Fungible Tokens, market trends, investment strategies, risk management in the crypto space.
- Assisted participants in gaining valuable insights and a comprehensive understanding of the ever-evolving crypto realm.

### **Course/Training instructor: Business performance management, 2019-11 – 2020-08.**

BOC Fullerton Community Bank Headquarters, Beijing, China.

Level: Business employees, junior managers, MBA.

- Developed and executed a monthly online course program on performance management, catering to for 5000+ employees across 134 branches.
- Designed course materials and resources to explain business performance management concepts, policies, and methodologies.
- Organized 10 interactive seminars in meeting rooms, each spanning 2 hours, with 20-60 participants from diverse branches and departments. Initiated discussions focused on the formulation of business performance management rules and policies.
- Addressed inquiries and concerns related to performance management rules and policies. Assessed course effectiveness, gathered feedback, and enhanced course outcomes.

**Teaching assistant: Business models, 2018-03— 2018-06.**

School of Economics and Management, University of Chinese Academy of Sciences, Beijing, China.

Level: Graduate and MBA.

- Collaborated with course instructor to develop curriculum, design lessons, and create materials for a diverse class of 65 students in Business Models.
- Enhanced curriculum using real-world case studies, aligning with emerging business model trends.
- Conducted weekly review and led course discussions and facilitated group presentations. Offered one-on-one support to students during office hours, clarifying concepts and addressing students' questions.
- Fostered inclusive and collaborative learning, encouraging engaging discussions. Assisted in assignment creation and evaluation for fair assessment.

**Teaching assistant: Econometrics, 2012-09 – 2013-01**

School of International Business, Jinan University, Guangzhou, China.

Level: undergraduate.

- Assisted instruction for a classroom of 62 undergraduate students.
- Facilitated active classroom discussions, fostering student engagement, and enabling a better understanding of econometric concepts.
- Participated in the correction and evaluation of assignments, offering feedback to enhance students' analytical and methodological skills.
- Demonstrated the application of Microsoft Excel in conducting econometric analyses and regression models, aiding students in mastering analytical techniques.

**Research grants**

Research assistant grant, funded by University of Stavanger, 2023-08 – 2023-12, Kr 70 000.

Research support, funded by Liyan Institute for Finance & Development, 2023-01 – 2024-01, ¥10 000.

Research support, funded by DTF Labs: “The Evolution of Zero Knowledge in the Cryptocurrency Industry” and “Integrating Artificial Intelligence into Strategies for Analyzing, Trading, and Investing in Cryptocurrencies,” 2021-07 – 2024-07, \$5000.

Research support, funded by Jinan University: The National University Student Innovation Program, i.e. “The Impact of the Margin Trading and Securities Lending System on the Distribution of Stock Market Returns,” 2012-10 – 2013-10, ¥2000.

**Review of research**

I have peer-reviewed 12 articles for Cybernetics and Systems (1): July 27, 2022.



Economies (1): September 27, 2022.  
 Economic Analysis and Policy (2): June 26, 2023; September 13, 2023.  
 Financial Innovation (1): March 13, 2023.  
 International Review of Financial Analysis (1): May 12, 2023.  
 Journal of Risk and Financial Management (2): November 21, 2022; June 22, 2023.  
 Sustainability (4): October 30, 2022; December 16, 2022; January 5, 2023; May 22, 2023.

### **Training received**

Tsinghua Interdisciplinary Research Capacity Enhancement Program “Bog Data and Causal Inference Seminar.” Tsinghua University Computational Social Sciences and National Governance Laboratory, October 25, 2023 – January 25, 2024 (on going).  
 A course in the nature of academic writing and publishing, instructor: Lynn Nygaard, University of Stavanger, Stavanger, Norway, October 25, 26, 2023.  
 PhD Workshop in research communication and social media, instructor: Mike Young, University of Stavanger, Stavanger, Norway, September 26, 27, 2023.  
 PhD Skills Course: On Stage - voice, body, language and nerves, instructor: Aud Berggraf Sæbø, University of Stavanger, Stavanger, Norway, October 4, 5, 2022.  
 Campus Recruitment Growth Training Camp, Bank of China, Chongqing, China, August 17, 2019 – August 25, 2019.  
 Young Eagle Growth Training Camp, Xiamen International Bank, Xiamen, China, July 18, 2014 – August 17, 2014.

### **Attendance at lectures, conferences, etc.**

Tips from the conversations with senior executives at the companies where the Norges Bank Investment Management Fund is invested. Instructor: Nicolai Tangen. University of Stavanger Business school, October 27, 2023.  
 Circular economy in the context of smart, resilient, and sustainable cities. Instructor: Dominique Bonet Fernandez. IPAG Business School, Paris, France. Attendance, March 6-9, 2023.  
 Digital currencies: An introduction. The China Banking and Insurance Regulatory Commission. Webinar. Invited speaker, October 23, 2022.  
 China Economic Forecast Release and High-End Forum. The Chinese Academy of Sciences Center for Forecasting Science, Beijing, China. Attendance. January 8, 2019.

### **Courses (A: 90-100, B+: 85-89, B: 80-84 at a 100-point scale)**

University of Stavanger, Norway, PhD courses (Not applicable to points):

RIS905 PhD Project course in Risk Management: Game Theory and Risk Analysis (Spring 2022)	Pass
TN900 Philosophy of Science and Ethics (Spring 2022)	Pass
TN910 Innovation in Research Projects (Spring 2022)	Pass
RIS900 Foundational Issues in Risk Analysis (Autumn 2022)	Pass
Circular Economy in the Context of Smart, Resilient & Sustainable Cities (Spring 2023)	Pass

University of Chinese Academy of Sciences, Beijing, China, graduate courses:

Advanced Management (Autumn 2016)	B+
Seminar on Statistical Methods in Scientific Research (Autumn 2016)	A
Mathematical Economics: Models and Tools (Autumn 2016)	B
Economics of Innovation and Entrepreneurship (Autumn 2016)	A
Scientific Management Methodology and Tools Applications (Autumn 2016)	B

Management of Technological Innovation (Autumn 2016)	A
The Experimental Optimization and Product Design (Spring 2017)	A
Econometric Analysis of Panel Data (Spring 2017)	B
Statistical Analysis Using Stata (Spring 2017)	B+
Statistical Analysis and SAS Implementation (Autumn 2017)	A
Advanced Economics (Autumn 2017)	A
Frontier of Econometrics (Autumn 2017)	A
Information Analysis Literacy (Autumn 2017)	A
Revenue Management (Summer 2017)	A
Management and Applications Based on Big Data (Summer 2017)	A
Crisis Management (Spring 2018)	A
Game Theory and Business Models Seminar (Autumn 2017, Spring & Autumn 2018, Spring 2019)	
MSc Thesis (Spring 2019)	

Jinan University, Guangzhou, China, undergraduate courses:

Advanced Mathematics I (Autumn 2010)	A
College Writing (Autumn 2010)	A
Computer Fundamentals (Autumn 2010)	A
Political Economics (Autumn 2010)	B
Programming Basis (Spring 2011)	A
Microeconomics (Spring 2011)	A
Mathematical Model Applications (Spring 2011)	A
Advanced Mathematics II (Spring 2011)	A
Macroeconomics (Autumn 2011)	B+
Linear Algebra (Autumn 2011)	A
International Trade (Spring 2012)	A
International Finance (Spring 2012)	A
Public Finance (Spring 2012)	B+
Principle of Western Economics (Spring 2012)	A
Probability Theory and Mathematical Statistics (Spring 2012)	A
Econometrics (Autumn 2012)	B+
Financial Econometrics (Autumn 2012)	B+
Securities Investments (Autumn 2012)	B+
Psychology (Autumn 2012)	A
Foreign Exchange Trading (Autumn 2012)	A
Investment Banking (Spring 2013)	B+
Investment Banking (Spring 2013)	A+
Corporate Finance (Spring 2013)	B
Central Banking (Spring 2013)	B+
Commercial Bank Management (Autumn 2013)	B
Venture Investment (Autumn 2013)	B
Internship (Spring 2014)	A
BSc Thesis (Spring 2014)	A

**Scholarships and awards**

Outstanding Graduate Member, 2019-06, University of Chinese Academy of Sciences.  
 Second Prize in the 'Internet+' Growth Group of the "UCAS Cup" Innovation and Entrepreneurship Competition, 2018-10, University of Chinese Academy of Sciences.

National Second Prize of China Undergraduate Mathematical Contest in Modeling, 2012-12, China Society for Industrial and Applied Mathematics.  
 Silver Award (Second Prize), "The Challenge Cup" China University Student Entrepreneurship Plan Competition, 2012-07, Jinan University.  
 International Honorable Mention (First Prize) of American Mathematical Contest in Modeling, 2012-04, Consortium for Mathematics and Its Applications.  
 National Third Prize of Electrical Cup National College Students Mathematical Modeling Competition, 2011-12, Electrical Mathematics Committee of the China Electrotechnical Society.  
 Excellent Student Scholarship, 2011-12, 2012-12, and 2013-12, Jinan University.

### **Certificates**

Certified Economic Law, Corporate Strategy and Risk Management, 2018-12, issued by the Chinese Institute of Certified Public Accountants.  
 Certificate of Futures Qualification, 2018-11, Issued by the China Futures Association.  
 Certificate of Security Qualification, 2018-08, issued by the Securities Association of China.  
 Certificate of Financial Risk Manager Certification Level 1, 2018-05, issued by the Global Association of Risk Professionals.  
 Certificate of Fund Qualification, 2016-06, issued by the Asset Management Association of China.  
 Second-level Certificate for National Computer, 2012-12, issued by the National Education Examinations Authority of China.

### **Languages**

English (fluent), Chinese (mother language), Hakka (mother language), Cantonese (intermediate), and Norwegian (completed A1 and A2, B1 in progress).

### **Programming and computer simulation skills**

Mathematica, Excel, Stata, EViews, SPSS, Tableau, SAS, Python, R, CiteSpace, VOSViewer.

### **Extracurricular activities**

Researcher Breakfast, The UiS Institutional Research Network (UiS IRN): Empowering Research for a Stronger University, October 5, 2023, University of Stavanger, Stavanger, Norway.  
 Young Researchers' Night, September 29, 2023, University of Stavanger, Stavanger, Norway.  
 New Student Orientation, August 25, 2023, Chinese Student Union of the University of Stavanger, Stavanger, Norway.  
 Year's Activity Day, June 21, 2023, Social Committee at the Faculty Administration, University of Stavanger, Stavanger, Norway.  
 Constitution Day Parades, May 17, 2022 and May 17, 2023, Stavanger, Norway.  
 New Student Orientation, August 26, 2022, Chinese Student Union of the University of Stavanger, Stavanger, Norway.  
 PhD Get Started, May 31, 2022, Stavanger, Norway, University of Stavanger.  
 Vårfest for the Department of Safety, Economics and Planning, April 21, 2022, University of Stavanger, Stavanger, Norway.  
 Jinan University Beijing Alumni Association Annual Meeting, Beijing, China, 2018-02 and 2019-02.  
 Table tennis competition, 2016-11, Beijing, China, University of Chinese Academy of Sciences.  
 Chartered Global Management Accountant Global Business Challenge, Guangzhou, China, 2012-03 – 2012-04.

International Half Marathon, 2011-12, Zhuhai, China.  
 Badminton competition, 2011-04, Zhuhai, China, Jinan University.  
 100 Kilometres Love Walking, 2010-12, Zhuhai, China.

### Interests

I enjoy a wide range of sports, e.g. badminton, running, walking, table tennis, mountaineering. Engaging in these activities allows me to enhance my stamina, perseverance, and endurance. Moreover, I have a keen interest in various hobbies like investing in cryptocurrencies, reading, watching movies, listening to music, exploring different languages, and delving into mathematics. Additionally, I consider myself a tech enthusiast, with a particular focus on various technological products like smartphones, computers, web 3 wallets, and web browsers. I also enjoy learning and exploring AI tools such as ChatGPT for various applications. Having resided and worked in China for nearly 28 years, I have now been fortunate enough to relocate to Norway. I am captivated by the stunning landscapes and the serene environment that Norway offers. The simple, free life here has been a source of joy and contentment for me. I believe this transition will not only provide me with invaluable social and cultural experiences but also enrich my perspective, contributing significantly to my personal growth.

### References

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### Bio 131 words

Guizhou Wang is a PhD student at the University of Stavanger, Norway, since 2021-10. His working PhD thesis title is “Game Theoretic Modeling of Economic Systems Involving Digital Currencies.” He has published 22 articles in peer-reviewed journals. His research fields are Digital currencies, economic system, Bitcoin, blockchain and cryptocurrencies, CBDCs, digitalization, energy economics, financial technology, financial inclusion, green finance, investment, business analytics, risk analysis, conflict and safety, resilience, graduate employability, gender perspective, game theory, econometrics, statistics, informatics, bibliometrics, etc. He holds an MSc degree in economics from the University of Chinese Academy of Sciences, Beijing, China, 2016-09 – 2019-06, focusing on mathematical finance, business models, and econometrics. He holds a BSc degree in financial engineering from the Jinan University, Guangzhou, China, 2010-09 – 2014-06, focusing on financial derivatives, and

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