

BIN YI ZHANG

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PROFILE

- PhD candidate at the Institute of Economic Studies, Charles University.
- MSc. in Economics at the University of East Anglia: Distinction.
- BSc. Business Finance and Economics at University of East Anglia 1st Class.
- Bilingual in Mandarin (native) and English (Fluent).
- Innovative and creative approaches to solving problems.
- Research-orientated and result-driven person.
- Anonymous peer reviewer for Energy Economics.

EDUCATION

Sep 2018 – Present

Institute of Economic Studies, Faculty of Social Sciences, Charles University, Prague, Czech Republic

PhD Candidate: Economic theory

Research Interests: Energy Economics, Financial Econometrics, Renewable Energy Financial Modelling, Green finance, Credit risk.

Sep 2016 – Sep 2017

School of Economics, University of East Anglia, Norwich, UK

MSc Economics

Key Modules: Economics, Finance, Econometrics

Sep 2014 – Sep 2016

School of Economics, University of East Anglia, Norwich, UK

BSc Business Finance and Economics

Key Modules: Economics, Corporate Finance, Accounting, Econometrics

EMPLOYMENT HISTORY

June 2022- Present

McKinsey & Company. (Data Analytics), Prague

Data analytics

- Creating Tableau dashboards and interactive visualisation reflecting product and service performance at the firm level.
- Applying advanced analytics tools and empirical methods to run data analysis using R, Python, SQL.
- Data and analytic support to product and service teams to gain better access and insights from their data.

Sep 2018- Present

Institute of Economic Studies. (Teaching Assistantship), Prague

Teaching Assistantship: Corporate Finance, Financial management

- Overseeing the design and devily of seminar teaching materials.
- Delivering weekly seminars.
- Setting and marking students' assignments include resubmissions.
- Ensuring the maintenance of learning materials (Textbook, seminar slides, and suggested solutions) on the online learning environment site.

Jan 2018 – Jun 2018

Marcpoint Technology Ltd. (Consumer Insight Analysts), Shanghai

Consumer Insight Analysts

- Consumer-based market information research and data analysis.
- Targeting the potential market segmentations based on consumer behaviours and product characteristics.

- Customising solutions and supersessions for market promotions to enhance clients' strategic marketing development and market competitiveness in Chinese Market.
- Customising marketing strategies and communication methods to assist clients in achieving its business objective effectively.
- General data analysis based on SQL server and Python.

Jun 2016 – July 2017 **4C Offshore Ltd (Market Analysts), Lowestoft, UK**

Market Analyst

- Fundamental market research about the Chinese renewable energy market
- Responsible for building long-term customer relationships via telephone communications and E-mail.
- Estimating the industrial growth of Chinese offshore wind power based on given private databases.
- Document preparations for updating industrial reports about the Chinese offshore wind farm market.
- IBM Note and Microsoft Access Data Entry

Jun 2016 – Dec 2016 **University of East Anglia (Research Assistant), Norwich, UK**

Research Assistant

- Assigned to do data preparations regarding the research acquired.
- Arranging a large-scale data cleaning and empirical analysis by applying time series econometric technics.
- Conducting empirical analysis using Excel and Stata.

Jun 2015 – Aug 2015 **University of East Anglia (Summer Intern), Norwich, UK**

Summer Internship

- Providing research project leader with quantified Excel formatted verbal information in accordance with a given set of guidance.
- Utilising problem-solving skills to deal with my daily tasks more effectively and accurately. Positive feedback received from my project due to high level of accuracy.
- Enhancing time management skills to become a more productive employee. All tasks were completed efficiently and submitted work in two days before the deadline.

EMPLOYMENT HISTORY

Research activities:

- GAUK 862119 (2019-2021): Renewable Energy Financial Modelling
- GAUK 295522 (2022-2024): Combined technical and economic modelling of energy storage for hybrid photovoltaics-wind power generation systems, Prague.
- GAUK 236723 (2023-2026): Assessing the impact of geopolitical risks on the development of green finance.

Publications:

- Janda, K., Kocenda, E, Kortusova, A and Zhang, B (2022). Estimation of Green Bond Premiums in the Chinese Secondary Market. Politická Ekonomie, 2022, 70 (6).
- Janda, K., Kristoufek, L. and Zhang, B., (2022). Return and volatility spillovers between Chinese and US clean energy related stocks. Energy Economics, p.105911.

Working papers:

- Janda K., Zhang B. (2019): "Renewable Energy Financial Modelling: A China Case Study", IES Working Papers 7/2019. IES FSV. Charles University.
- Janda K., Zhang B. (2020). "The impact of renewable energy and technology innovation on Chinese carbon dioxide emissions". FFA Working Paper 3/2020, FFA, University of Economics, Prague.

- Janda K, Kortusova A, Zhang B (2022): "Green Bond Premiums in the Chinese Secondary Market", IES Working Papers 20/2022. IES FSV. Charles University.
- Janda, K., Kortusova, A., and Zhang, B. (2022). "Estimation of green bond premiums in the Chinese secondary market", CAMA Working Papers 2022-38, Centre for Applied Macroeconomic Analysis, Crawford School of Public Policy, The Australian National University.
- Janda, K., Kristoufek, L. and Zhang, B. (2022). "Return and volatility spillovers between Chinese and U.S. Clean Energy Related Stocks: Evidence from VAR-MGARCH estimations", FFA Working Papers, 4, 2022.001.
- Janda, K., Kristoufek, L. and Zhang, B. (2022). "Return and volatility spillovers between Chinese and US clean energy related stocks," CAMA Working Papers 2022-17, Centre for Applied Macroeconomic Analysis, Crawford School of Public Policy, The Australian National University.

Books, Chapters in Books and Proceedings:

- Janda, Karel and Zhang, Binyi. "Can Geopolitical Risks Significantly Affect Green Finance? Evidence from Top Green Bond Issuer Countries." In Ed. David Prochazka, Proceedings of The 23rd Annual Conference on Finance and Accounting. Prague, Czech Republic, Springer Proceedings in Business and Economics, forthcoming.
- Janda, Karel and Zhang, Bin Yi. "Green Bond Pricing and Its Determinant: Evidence from Chinese Secondary Market." In Ed. David Prochazka, Regulation of Finance and Accounting, Proceedings of The 21st and 22th Annual Conference on Finance and Accounting. Prague, Czech Republic, Springer Proceedings in Business and Economics, 2022, pp. 191-211.
- Janda, Karel and Zhang, Bin Yi. "The Impact of Renewable Energy and Technology Innovation on Chinese Carbon Dioxide Emissions." In Ed. David Prochazka, Regulation of Finance and Accounting, Proceedings of The 21st and 22th Annual Conference on Finance and Accounting. Prague, Czech Republic, Springer Proceedings in Business and Economics, 2022, pp. 177-189.
- Janda, Karel and Zhang, Bin Yi. "Renewable Energy Financial Modelling: The Chinese Stock Prices Case." In Ed. David Prochazka, proceedings of The 20th Annual Conference on Finance and Accounting. Prague, Czech Republic, Springer Proceedings in Business and Economics, 2021, pp. 55-69.

Conferences:

- 2019:
 - 20th Annual Conference on Finance and Accounting, University of Economics, Prague, Czech Republic.
 - 21st International Conference on Environmental Economics, Policy and International Environmental Relations, University of Economics, Prague, Czech Republic.
 - 11th Summer Academy workshop on Socioeconomic consequences of climate change, disasters, and extreme events: Individual outcomes, regional development, and mitigation policies. Tutzing, Germany.
- 2020:
 - The 21st Annual Conference on Finance and Accounting, University of Economics, Prague, Czech Republic.
 - 22nd International Conference on Environmental Economics, Policy and International Environmental Relations, University of Economics, Prague, Czech Republic.
 - The 22nd Annual Conference on Finance and Accounting, University of Economics, Prague, Czech Republic.
- 2021:
 - The 22nd Annual Conference on Finance and Accounting, University of Economics, Prague, Czech Republic.
 - 23rd International Conference on Environmental Economics, Policy and International Relations, University of Economics, Prague, Czech Republic.

- 2022:
 - The 23rd Annual Conference on Finance and Accounting, University of Economics, Prague, Czech Republic.
 - EAERE 2022 Pre-Conference Workshops: Green bonds and environmental finance, University of Bologna, Italy.
 - 27th Annual Conference of the European Association of Environmental and Resource Economists, University of Economics, Rimini, Italy.
 - The 12th Biennial conference of the Czech Economic Society, Prague, Czech Republic.
- 2023:
 - 24th Annual Conference on Finance and Accounting, University of Economics, Prague, Czech Republic.

References:

Available Upon Request