

*“Recent PhD in Statistics with expertise in data analysis and a passion for solving complex problems seeks a role in data science or FinTech. Committed to staying ahead of the curve and eager to bring value to a dynamic and innovative organization.”*

## EDUCATION

### National University of Singapore

Singapore, SG

Research visit

01/11-01/29/23

- Advisor: Professor Zhou Chao (Math Dept.)

### Humboldt Universität zu Berlin

Berlin, DE

PhD Student in Statistics

10/2019 to 03/23 (planned)

- Research institution: International Research Training Group 1792 (IRTG1792)
- Advisor: Prof. Wolfgang Karl Härdle (HUB), Prof. Cathy Yi-Hsuan Chen (Glasgow U)
- Blockchain & cryptos, time series, econometrics, data visualization

### Humboldt Universität zu Berlin

Berlin, DE

Exchange Student, School of Business and Economics

09/17-07/18

### National Tsing Hua University

Hsinchu, TW

Master of Science, Industrial Engineering and Engineering Management

09/15-07/18

- GPA: 4.25 / 4.30
- A quantile-based simulation-optimisation framework for stochastic resource allocation problems
- Member of the Phi Tau Phi Scholastic Honour Society of the Republic of China (Top 1%)

### National Yunlin University of Science and Technology

Yunlin, TW

Bachelor of Business Administration, International Management

09/11-06/15

- Module: Industrial Engineering and Management
- GPA: 3.95 / 4.00
- Member of the Phi Tau Phi Scholastic Honour Society of the Republic of China (Top 1%)

## WORKING PAPERS

Lin MB, Chen CYH (2022-23) The role of blockchain in crypto — A ruler or server

Wang BL, Lin MB, Härdle WK (2023) Non fungible tokens and VizTech

## PUBLICATIONS

YF Wang, Lu WB, Lin MB, Ren R, Härdle WK (2023) Cross-exchange Crypto Risk A High-frequency Dynamic Network Perspective (planned to JFE)

Lin MB, Wang BL, Bocart F, Hafner C, Härdle WK (2022) 代 DAI Digital Art Index (submitted)

Goel A, Lin MB (2022) Resource Requirements in Business Process Modelling from an Operations Management Perspective. In 24th IEEE International Conference on Business Informatics: CBI Forum, Amsterdam, Netherland, June 15-17. DOI 10.1109/CBI54897.2022.10047

Lin MB, Khowaja K, Chen CYH, Härdle WK (2020) Blockchain mechanism and distributional characteristics of cryptos. Book Series: Advances in Quantitative Analysis of Finance & Accounting, 18. DOI: 10.6293/AQAFA.202112\_(18).0006

lhde S, Pufahl L, Lin MB, Goel A, Weske M (2019) Optimized Resource Allocations in Business Process Models. In International Conference on Business Process Management (pp. 55-71), Springer, Cham. DOI: 10.1007/978-3-030-26643-1\_4

Lin MB, Chen TL, Chen James C (2018) A Self-Adaptive Niching Genetic Algorithm with Elite-Successor Local Search for Quantile-based Stochastic Discrete Resource Allocation Problems

## CONFERENCES

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11/24-11/25/22 *Human vision/computer vision: Making sense of art*, Lboro & The British Academy

08/01-08/03/22 *Singapore Economic Review Conference*, SG

06/20-06/21/22 *Advances in Data Science and AI Conference*, Manchester, UK

04/07-04/08/22 *CryptoAssets and Digital Asset Investment Conference*, Rennes, FR

06/17/21 *European Supervisor Education Initiative (ESE): Crypto/Blockchain - Suptech workshop*

05/17/21 *SupTech event on Blockchain and Cyber Risk Management*, Fin-tech EU Horizon 2020

04/01-04/03/18 *International Symposium on Business and Management*, Osaka, JP (Dist. paper)

06/25-06/28/17 *International Conference on Advanced Technology Innovation*, TH

## WORK & LEADERSHIP EXPERIENCE

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**Humboldt Universität zu Berlin**

Berlin, DE

Research Assistant

10/19 2019 to Present

Project proposal writing:

- FaRoBlockNet: Future and Risk of Blockchain-Based Networks (FET Open, European Commission)
- eXplainable AI in blockchain analytics (ZIM program, BMWi)
- Measuring Coronavirus SARS-CoV-2 driven Risk and Uncertainty via FRM the financial risk meter (Dr. Hans Riegel Foundation)
- DAKP Digital Asset Knowledge Proliferation (AIDF, SG)
- IDA Institute of Digital Assets (Romania's National Recovery and Resilience Plan)

Course: DEDA-Digital Economy and Decision Analytics SS21 and WS 21/22

Book chapters: Handbook on Blockchain Analytics, Springer (ongoing)

PR for Blockchain Research Center (2020–21)

Assistance to journal management: Digital Finance (2019-20)

**Kühne Logistics University**

Hamburg, DE

Research Assistant in Logistics and Supply Chain Management

09/18-09/19

- Advisor: Prof. Asvin Goel
- Business process modelling, resource allocation and scheduling, simulation optimisation

**Master Hill Electric Wire & Cable Co., Ltd.**

Shenzhen, CN

Production Management, Intern

03/15-06/15

## MISC

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**Languages**

English • Mandarin Chinese • Taiwanese • German (A2)

**Technologies**

C • R • Python • Matlab • Flexsim • Arena • Netlogo (ABM)

**Certifications**

e-Enterprise Application Engineer-ERP Distribution module (Data Systems)