MIN-BIN LIN

"2023 PhD graduate 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

Humboldt University of Berlin — Berlin, DE
PhD in Statistics and Econometrics (Summa cum laude) — 10/19-06/23
- 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

National University of Singapore — Singapore, SG
Research visit — 01/11-01/29/23
- Advisor: Prof. Zhou Chao (Math Dept.)

Humboldt University of 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%)

WORKING PAPERS

Lin MB, Chen CYH (2022-23) Blockchain Technology: An Invisible Hand for Crypto? A Data Analytic Probe on Ethereum

Lin MB (2023) The Chronicles of Ethereum: An Event Study on EIPs

Wang BL, **Lin MB**, Härdle WK (2023) Non fungible tokens and VizTech. Book section: Handbook of Blockchain Analytics, Springer (To be appeared)

PUBLICATIONS

Wang YF, Lu WB, **Lin MB**, Ren R, Härdle WK (2023) Cross-exchange Crypto Risk A High-frequency Dynamic Network Perspective (under review by Journal of Business & Economic Statistics)

Lin MB, Wang BL, Bocart F, Hafner C, Härdle WK (2022) 代 DAI Digital Art Index (under review by Journal of Financial Econometrics)

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 (2021) Blockchain mechanism and distributional characteristics of cryptos. Book Series: Advances in Quantitative Analysis of Finance & Accounting, 18. DOI: 10.6293/AQAFA.202112_(18).0006

Ihde 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

05/07/23 *7th D-A-CH-Chain-Doktorandinnen-Workshop,* U Kassel, DE

14/01-15/01/23 *Workshop on Quantitative Finance*, NUS , SG

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

Humboldt Universität zu Berlin	Berlin, DE
Research Associate	10/19-03/23

Project proposal writing:
- DAKP Digital Asset Knowledge Proliferation (Asian Institute of Digital Finance, NUS, 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 Associate in Logistics and Supply Chain Management	09/18-09/19

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

Master Hill Electric Wire & Cable Co., Ltd.	Shenzhen, CN
Production Management, Intern	03/15-06/15

MISC

Languages	English • Mandarin Chinese • Taiwanese • German (A2)
Technologies	C • R • Python • Matlab • Flexsim • Arena • Netlogo (ABM)