

Curriculum Vitae



Dr. Wang Zhiguo

Lecturer, Finance Programme
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Education Qualifications

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|------|---|
| 2019 | PhD., Industrial Systems Engineering & Management, National University of Singapore |
| 2014 | BSc., Major in Statistics, National University of Singapore
BSc., Minor in Financial Mathematics, National University of Singapore |

Academic and Professional Experience

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| 2020 – Present | Lecturer, School of Business, Singapore University of Social Sciences |
| 2019 – 2020 | Research Fellow, NUS Environmental Research Institute, National University of Singapore |
| 2015 – 2018 | Teaching Assistant, National University of Singapore |
| 2014 – 2015 | Technical Analyst, Credit Suisse |

Research Interests

- Machine Learning and AI in Fintech
- Metaverse
- Cryptocurrency and blockchain
- Natural Language Processing

Selected Publications

- Wang, Z., Ng, T. S., & Ee, W. L. A. (2021). A system dynamics model for industrial symbiosis capacity formation. *Journal of Simulation*, 1-26.
- Wang, Z., Ng, T. S., & Pang, C. K. (2021). Minimizing activity exposures in project scheduling under uncertainty. *Expert Systems with Applications*, 173, 114635.
- Wang, Z., Ng, T. S., & Pang, C. K. (2021). Due-date quotation model for manufacturing system scheduling under uncertainty. *Discrete Event Dynamic Systems*, 31(2), 271-293.

- Wang, Z., Pang, C. K., & Ng, T. S. (2019). Robust scheduling optimization for flexible manufacturing systems with replenishment under uncertain machine failure disruptions. *Control Engineering Practice*, 92, 104094.
- Wang, Z., Pang, C. K., & Ng, T. S. (2018). Data-driven scheduling optimization under uncertainty using Renyi entropy and skewness criterion. *Computers & Industrial Engineering*, 126, 410-420.

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