

# Qiuqi Wang

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## Education

- Ph.D. Candidate in Actuarial Science, University of Waterloo *09/2019 - present*  
– Supervisor: Ruodu Wang
- M.Phil. Mathematics, Hong Kong University of Science and Technology *07/2019*  
– Supervisor: Yue Kuen Kwok  
– GPA: 4.00/4.30
- B.S. Mathematics and Economics, Hong Kong University of Science and Technology *07/2017*  
– Minor: Information Technology  
– GPA: 3.61/4.30 (First Class Honor)
- International Exchange Student, Technical University of Munich *04/2016 - 09/2016*
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## Research Interests

Quantitative Risk Management; Operations Research; Financial Engineering; Game Theory

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## Publications and Manuscripts

- [1] **Wang, Q.**, Wang, R. and Wei, Y. (2020). Distortion riskmetrics on general spaces. *ASTIN Bulletin*, forthcoming. *SSRN*: 3510363.
- [2] **Wang, Q.** and Kwok, Y.K. (2020). Real option signaling games of debt financing using equity guarantee swaps. *International Journal of Theoretical and Applied Finance*, forthcoming. *SSRN*: 3442989.
- [3] **Wang, Q.** and Kwok, Y.K. (2019). Signaling game models of equity financing under information asymmetry and finite project life. *International Journal of Financial Engineering*, **6**(1), 1950002.
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## Contributed Academic Presentations

- 1st Waterloo Student Conference in Statistics, Actuarial Science and Finance, 2019 (Waterloo, Canada)
  - 23rd Annual International Real Options Conference, 2019 (London, UK)
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## Teaching Experiences

Teaching Assistant, University of Waterloo

ACTSC 431 - Loss Model I

*Spring 2020*

ACTSC 445/845 - Quantitative Enterprise Risk Management

*Spring 2020*

ACTSC 231 - Introductory Financial Mathematics	<i>Winter 2020</i>
MATBUS 471 - Fixed Income Securities	<i>Fall 2019, Winter 2020</i>
MATBUS 470 - Derivatives	<i>Fall 2019</i>
Teaching Assistant, Hong Kong University of Science and Technology	
MATH 4321 - Game Theory	<i>Spring 2018, 2019</i>
MATH 4511 - Quantitative Methods for Fixed Income Derivatives	<i>Fall 2018</i>

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## Selected Honors and Awards

International Doctoral Student Award, UW	<i>2019 - 2020</i>
Statistics and Actuarial Science Doctoral Entrance Award, UW	<i>2019 - 2020</i>
Postgraduate Studentship, HKUST	<i>2017 - 2019</i>
Scholarship Scheme for Continuing Undergraduate Students, HKUST	<i>2015 - 2017</i>
Fong Shu Chuen Scholarship, HKUST	<i>2015 - 2016</i>
School of Science Dean's List, HKUST	<i>2014</i>

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## Other Skills

Languages: Mandarin (Native), English (Fluent, TOEFL iBT: 108), Cantonese (Conversational), German (Elementary)

Programming: MATLAB, C++, R, HTML, Python, Stata, Excel VBA, MS Office

SOA Exam passed: Exam P, Exam FM, Exam IFM

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