

Jing (Roy) Yang

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Education

Queensland University of Technology <i>Ph.D. Candidate</i>	Brisbane 2019–Present
Sun Yat-sen University <i>M.E. in Computer Science and Technology</i>	Guangzhou 2016–2019
Sun Yat-sen University <i>B.E. in Software Engineering</i>	Guangzhou 2012–2016

Doctoral thesis

Title: *Discover Organizational Knowledge via Process Mining*

Supervisors: Dr. Chun Ouyang, Prof. Arthur ter Hofstede, Prof. Wil van der Aalst

Description: This research explores how to use process mining to discover, evaluate, and analyze human resource groups based on business process execution data, thus supporting informed decisions in business process management and workforce analytics.

Experience

Academic.....

Queensland University of Technology <i>Academic Tutor</i>	Brisbane 2020–Present
Sun Yat-sen University <i>Teaching Assistant</i>	Guangzhou 2015, 2017, 2018

Industry.....

Food Agility – Predicting Green Bean Harvest and Yield <i>Research Student, Software Developer</i>	Brisbane 2020–Present
Dnata Catering Australia <i>Workforce Planning Analyst</i>	Brisbane 2021

Awards

Research Scholarship <i>Australian Commonwealth Research Training Program</i>	2019–2022
Top-Up Scholarship <i>Food Agility CRC Top-Up Scholarship</i>	2021–2022

Research Scholarship

AMSI Winter School 2021 Scholarship 2021

Internship Scholarship

QUT HDR Internship Scholarship 2021

Excellent Student Award

Sun Yat-sen University Excellent Master Student Award 2018

Meritorious Winner

Mathematical Contest in Modelling (COMAP) 2015

Publications

- [1] Yang Yu, Weijun Chen, and Jing Yang. Team formation in business process context. In *Proceedings of the IEEE 21st International Conference on Computer Supported Cooperative Work in Design (CSCWD 2017)*, pages 73–78. IEEE, 2017.
- [2] Weijun Chen, Jing Yang, and Yang Yu. Analysis on communication cost and team performance in team formation problem. In *Proceedings of the 13th EAI International Conference on Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom 2017)*, pages 435–443. Springer, 2017.
- [3] Jing Yang, Chun Ouyang, Maolin Pan, Yang Yu, and Arthur ter Hofstede. Finding the “liberos”: Discover organizational models with overlaps. In *Proceedings of the 16th International Conference on Business Process Management (BPM 2018)*, pages 339–355. Springer, 2018.
- [4] Jing Yang, Chun Ouyang, Arthur ter Hofstede, Wil van der Aalst, and Michael Leyer. Seeing the forest for the trees: Group-oriented workforce analytics. In *Proceedings of the 19th International Conference on Business Process Management (BPM 2021)*, pages 345–362. Springer, 2021.