Yuan Qu

CONTACT INFORMATION	Email: yuanqu@hku.hk
	Website: www.ryanqu.com
	Address: Haking Wong Building, University of Hong Kong, Hong Kong

EMPLOYMENT

University of Hong Kong
Department of Data and Systems Engineering
    Post-doctoral Fellow   09/2023 - present
    Superviser: Max Z.J. Shen

Rutgers, the State University of New Jersey
Rutgers Business School – Newark and New Brunswick
    Non-tenure-track Instructor   09/2021 - 12/2022
    Part-time Lecturer   09/2019 - 08/2021

EDUCATION

Rutgers, the State University of New Jersey
Rutgers Business School – Newark and New Brunswick
    Ph.D. in Management (Concentration on Operations Research)   2023
    Advisor: Jian Yang
    Committee: Andrzej Ruszczynski, Endre Boros, Thomas Lidbetter, Ming Hu

    M.S. in Information Technology and Analytics   2018
    Advisor: Hui Xiong

University of Electronic Science and Technology of China
School of Management and Economics
    B.S. in Management   2017
School of Information and Communication Engineering
    B.S. in Electronic Engineering   2017

PUBLICATIONS

How Many Are Too Many? Analyzing Dockless Bikesharing Systems with a Parsimonious Model

Hongyu Zheng, Kenan Zhang, Macro Nie, Pengyu Yan, Yuan Qu
Transportation Science, 58(1):152-175, 2023.

WORKING PAPERS

Understanding Styling Box Selling from Stackelberg Pricing Game Perspective
Yuan Qu, Max Z.J. Shen

Opaque Selling to Strategic Buyers
Yuan Qu, Jian Yang
Under Review.

Building Resilience During Crises: A Big Data Empowered Reinforcement Learning Approach for Airline Insurance
Jingjing Li, Yuan Qu, Jingyuan Yang *(author names in alphabetical order)*,
Information Systems Research, *Reject & Resubmit, To be resubmitted.*

Matching-while-learning: Dynamic Matching Framework for Cloud Manufacturing Platforms

Pengyu Yan, Liu Yang, Yuan Qu
Under Review.

Dynamic Inventory-price Control during Opaque Selling of Horizontally Differentiated Products.
Yuan Qu, Jian Yang.
Work in Progress.

Diminishing Social Capital Returns from Employee Ambassadorship: Evidence from WeChat
Chaitanya Kaligotla, Sarah Wittman, Jingyuan Yang, Yuan Qu, Wei Zeng
Under Review.

GRANTS
4-VA Collaborative Research Grants   2024
Role: Participant (PI: Jingjing Li)
Title: Building Machine Learning Resilience During Disasters.

TEACHING
Instructor, Rutgers Business School
Product and Operations Management (Undergraduate), 29:623:311
Fall 2022
Management Information Systems (Undergraduate), 33:136:370
Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022
Business Data Management (Graduate), 26:198:603
Fall 2019
Statistical Methods for Business (Undergraduate), 33:136:375
Fall 2019

Teaching Assistant, Rutgers Business School
Business Data Management (Graduate), 22:544:603 & 22:198:603
Spring 2019

MENTORING
University of Hong Kong
Department of Industrial and Manufacturing Systems Engineering

M.Sc. Students *(co-advise with Max Z.J. Shen and Shaochong Lin)*
Jiaxuan Bai (Tencent), Sijia Liu (AIA), Ziang Liang, Min Lin, Lang Wang, Yuanjie Cai, and Zhongda Yang

PRESENTATIONS
Styling Box Selling to Strategic Buyers
INFORMS Annual Meeting, Seattle, WA, 2024
Invited Research Seminar, UESTC, Chengdu, China, 2024

Inventory Control Involving Opaque Selling
14th POMS-HK International Conference, Hong Kong, 2024
INFORMS Annual Meeting, Phoenix, AZ, 2023

Understanding Opaque Selling from an Inventory-control Perspective
Invited Research Seminar, UESTC, Chengdu, China, 2023
Northeast Decision Sciences Institute Annual Conference, Washington, DC, 2023
INFORMS Annual Meeting, Indianapolis, IN, 2022
Invited Research Seminar, Stony Brook University, Virtual, 2020

Drivers for Personal Social Marketing Effectiveness: A Joint View Of Content And Diffusion

INFORMS Annual Meeting, Virtual, 2020

Invited Research Seminar, UESTC, Chengdu, China, 2020

Rutgers-NJIT Business School Joint Ph.D. Seminar, Newark, NJ, 2019

INFORMS Annual Meeting, Seattle, WA, 2019

ACADEMIC SERVICE	Journal and Conference Refereeing
	Operations Research Letters
	Americas Conference on Information Systems (AMCIS)
	INFORMS Workshop on Data Science (DS)
	Pacific Asia Conference on Information Systems (PACIS)
	ACM SIGKDD Conference on Knowledge Discovery and Data Mining (SIGKDD)
	International Conf. on Knowledge Science, Engineering and Management (KSEM)

HONORS AND AWARDS		
Dean's Dissertation Fellowship, *Rutgers Graduate School*		2022
Dean's Competition for Summer Ph.D. Research Assistants, *Rutgers Business School* 2022		
Dean's Competition for Summer Ph.D. Research Assistants, *Rutgers Business School* 2021		
Dean's Office Summer Scholarships, *Rutgers Business School*		2020
Graduate School-Newark Scholarship, *Rutgers University*		2020
University Merit Graduate Scholars Award, *Rutgers University*		2019
China National College Student Information Security Contest, Bronze Award		2016
The People's Scholarship in China, *UESTC*		2016
China National College Student Entrepreneurship Contest, Bronze Award		2016
China National College Student Information Security Contest, Bronze Award		2015
The Western Star of Innovation and Entrepreneurship, 4th place, Bronze Award		2015
The Second Level Athletic in China, Weiqi (Go)		2012
China Mathematical Olympiad (Shanxi Province), First Prize		2012

INDUSTRIAL EXPERIENCE	FineTool, Chengdu, China	
	Data & IT Adviser	08/2023 - present
	Allianz Partners, Richmond, VA	
	Data Scientist	05/2021 - 08/2021
	Chengdu Value-fan Information Service, Chengdu, China	
	Co-founder	01/2016 - 07/2017