

Chen Tang

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Research interests

Operations Management

Empirical Operations Management

Revenue Management

Applied Econometrics

Machine Learning and Causal Inference

Empirical Research in Development Economics

Education

The Chinese University of Hong Kong (Shenzhen)

Shenzhen, China

M.Sc. in Data Science

2023 – 2025 (expected)

Shanghai University of Finance and Economics

Shanghai, China

B.Mgt. in Business Analytics

2019 – 2023

Paper

Consumer Polarization and Network Effects

with [Xuezhen Tao](#)

work in progress

Research experience

Research Assistant in Operations Management

2022

Work in an interdisciplinary group with [Zhijie Tao](#), [Lei Xie](#), [Jianjun Gao](#), [Fan Zhou](#), trying to solve dynamic pricing problem using reinforcement learning algorithm;

Reading literatures and give [presentations](#).

Researcher in Dynamic Pricing

2022

In collaboration with [Zhijie Tao](#), extending a mis-specified pricing model from a duopoly to a Cournot market. The project mainly involves simulating whether the market converges to Nash-equilibrium or colluding-equilibrium;

Some works and codes were archived at this [repository](#).

Research Assistant in Queueing System

2021

Work for [Youyi Feng](#) in [a new queueing system](#);

Assume the responsibility of debugging the Python code.

Research Assistant in Consumer Behaviour

2021

Work for [Weiling Ye](#), participating in the project to find which type of consumption provides more happiness;

Reading literatures, giving presentations and conduct behavioral experiments.

Miscellaneous

Born in Neijiang, Sichuan in September 2001

High School: MianYang High School

Hobbies: Hiking, Urban Dance, Mountain Biking

Intern as a strategy consultant at [IPSOS](#), and some quant experiences in some quant companies