

# Chen Tang

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Email: [ChenTang@link.cuhk.edu.cn](mailto:ChenTang@link.cuhk.edu.cn)

Website: [EurekaTangChen.github.io](https://EurekaTangChen.github.io)

## 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 Assistance 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 Assistance in Queueing System

2021

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

Assume the responsibility of debugging the Python code.

### Research Assistance 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