

CHUTIAN CHEN

+852 6701 2724 • <https://cct15.github.io> • cchencs@connect.ust.hk

Room C606, GGT, HKUST, Clear Water Bay, New Territories, Hong Kong, China

EDUCATION

09/2022-Present Hong Kong University of Science and Technology **Hong Kong, China**

Ph.D. candidate in Economics

Research Interest: Applied Microeconomics; Development Economics

08/2019-01/2021 Columbia University

New York, USA

Master of Science, Data Science

GPA: 4.00/4.00

08/2015-06/2019 Tsinghua University

Beijing, China

Bachelor of Engineering in Engineering Physics

GPA: 3.63/4.00

08/2016-06/2019 Peking University

Beijing, China

Bachelor of Science in Economics

GPA: 3.62/4.00

Research Experience

Research Interest: Applied Microeconomics; Development Economics

Personal Website: <https://cct15.github.io>

1. “Cross-industry Acquisition by Digital Platforms,” With Yangguang Huang, Junbao Li. (Working Paper)

WORKING EXPERIENCES

04/2021-03/2022 Alibaba, Department of Taobao Live

Hangzhou, China

Data&Strategy Product Manager

Supervisor: Yang Xie

- Led the development of the strategy products for the user growth of Taobao Live, designed and optimized the user growth products based on the data analysis, implemented A/B experiments for higher efficiency of the recommendation system, increased 4 million new users daily in four months
- Optimized recommendation systems for lower-income families and individuals, enabling more precise inference of their needs from limited purchase histories, and providing them with increased access to discounts, loans, and installment payment plans

02/2020-05/2020 Graphen, Inc., Department of Market Intelligence

New York, USA

Research Assistant

Supervisor: Ching-Yung Lin

- Optimized high-frequency forex trading model based on reinforcement learning, promoted the model stability and rate of return, improved the monthly return of the model from 0 to 10%
- Studied personality assessment in psychology, introduced Reinforcement Sensitivity Theory into the existing trading model, matched the personalities of customers to trading strategies

08/2018-09/2018 PricewaterhouseCoopers, China Centre of Excellence

Shanghai, China

Research Assistant

Supervisor: Yuqing Guo

- Summarized main factors determined the prospects of companies based on research reports, quantified the factors through the suggestions of experts and the statistic evaluation
- Set up and launched an index model by machine learning to evaluate the prospect of companies based on the database with more than 100,000 companies, the index model was applied in investment decision-making

05/2018-07/2018 CDH Investments, Department of Mezzanine Investment

Shanghai, China

Data Analyst Intern

Supervisor: Fei Cheng

- Performed statistical analysis using Excel and Stata, and established self-renewed excel file to help investment managers grasp the status quo in new energy industry
- Assisted in due diligence and contributed to decision making regarding costs, benefits, and risks

HONORS & AWARDS

09/2016	Excellent Award for Academic at Tsinghua University	Beijing, China
09/2017	Excellent Award for Academic at Tsinghua University	Beijing, China
09/2017	Excellent Award for Social Work at Tsinghua University	Beijing, China
09/2018	Excellent Award for Academic at Tsinghua University	Beijing, China
09/2022	Hong Kong PhD Fellowship	Hong Kong, China