CHEN WANG

Personal Website: https://chenwang1997.github.io/
Email: annacwang@connect.hku.hk
Phone (WhatsApp): +852 62042350

PRESENT POSITION

The University of Hong Kong, Hong Kong — *10/2021 - Present*
Ph.D. in Innovation and Information Management
Advisor: Shan Huang, Co-Advisor: Zhixi Wan

ACADEMIC QUALIFICATIONS

University of California, Berkeley, Berkeley, CA, USA — *09/2019 - 12/2020*
M.Eng. in Industrial Engineering & Operations Research, Fintech
Advisor: Xin Guo

Tongji University, Shanghai, China — *09/2015 - 06/2019*
B.S. in Applied Mathematics
Thesis advisor: Yu Zhang

RESEARCH INTEREST

Digital Experimentation Methods (A/B testing), Causal Inference, and the Application of AI in Marketing Decision-Making.

EXPERIENCE

Tencent Weixin/WeChat — *05/2022 - Present*
Research Scientist and Collaborator — Research Intern

· Long-term collaboration focusing on causal inference, experimental design, and quantitative marketing.

The University of Hong Kong
Teaching Assistant

· MSBA7025 Digital Experimentation Methods (link to course content) — *Spring 2022/2023/2024*
· MSBA7027 Machine Learning — *Fall 2021/2022*

Tencent Games — *12/2020 - 09/2021*
Product Manager — Full-time

· Worked on user growth and online advertising.

LinkedIn China — *05/2020 - 08/2020*
Data Scientist — Intern

Bosera Asset Management Co. — *05/2018 - 08/2018*
Quantitative Analyst — Intern

PUBLICATION

[1] **Chen Wang**, Shan Huang, Shichao Han, *"Enhancing external validity in experiments with ongoing sampling"* (link to article)
- Reject & Resubmit at **Marketing Science**.
- In proceedings of the 25th ACM Conference on Economics and Computation (EC'24).
- Implemented as an embedded function in Tencent's experimentation system.

[2] Shan Huang*, **Chen Wang***, Yuan Yuan*, Jinglong Zhao*, Brocco (Jingjing) Zhang, *"Estimating effects of long term treatments"* (link to article)
- **Management Science** Forthcoming.
- In proceedings of the 24th ACM Conference on Economics and Computation (EC'23).
- Implemented as an experiment analysis tool at Tencent and ByteDance.
- Distributed as part of the Fast Causal Inference open-source package (GitHub link).

[3] Michaël Karpe, Jin Fang, Zhongyao Ma*, **Chen Wang***, *"Multi-agent reinforcement learning in a realistic limit order book market simulation"* (link to article)
- In proceedings of the First ACM International Conference on AI in Finance (ICAIF'20).

* Authorship is ordered alphabetically

RESEARCH-IN-PROGRESS

[1] **Chen Wang**, Shan Huang, Shichao Han, Yong Wang, *"CausLab: LLM-Driven Multi-Agent Bayesian Framework for Causal Discovery and Inference"*

CONFERENCE PRESENTATIONS

ACM Conference on Digital Experimentation @ MIT (CODE@MIT), Cambridge, MA, USA *Oct 2024*

ACM Conference on Economics and Computation (EC'24), New Haven, CT, USA *July 2024*

China India Insights Conference (CIIP), Hong Kong *June 2024*

Conference on Economics and Computation (EC'23), London, UK *July 2023*

Data Science Summit, DataFun, Shenzhen, China *Apr 2023*

AWARDS & GRANTS

FBE PhD Research Excellence Award, The University of Hong Kong *2025*

Member of the Research Team, Innovation and Technology Support Program (Platform), Hong Kong Government, 1,160,000 HKD *2023 – 2025*

Postgraduate Scholarship, The University of Hong Kong *2021 – 2024*

FBE PhD Entrance Scholarship, The University of Hong Kong *2021*

China Undergraduate Mathematical Contest in Modeling, 1st prize in Shanghai Division *2017*

Outstanding Students Scholarship, Tongji University *2016 & 2017*

National College Student Innovation Training Program, Tongji University *2016 - 2018*
- Project: *"Reconstruct the 3-D geometry according to the projection of the 2-D geometry"*

REFEREES

Prof. Shan Huang
Marketing
The University of Hong Kong
Email: `shanhh@hku.hk`

Prof. Zhixi Wan
Innovation & Information Management
The University of Hong Kong
Email: `zhixiwan@hku.hk`

Prof. Jinglong Zhao
Operations & Technology Management
Boston University
Email: `jinglong@bu.edu`

Prof. Yuan Yuan
Business Analytics
University of California, Davis
Email: `yuyuan@ucdavis.edu`