Jianqi Huang

jianqihuang02@gmail.com

EDUCATION

The Hong Kong University of Science and Technology (Guangzhou) *2024 - present*
PhD in Urban Governance and Design (Economics Track) Guangzhou, China

Central University of Finance and Economics *Sep 2020 – Jun 2024*
BSc in Management Science Beijing, China
Thesis: "Deep Learning-based Backward Stochastic Differential Equations for Solving High-dimensional American Options" Advisor: Prof. Bing Song

RESEARCH INTERESTS

Macroeconomics, Labor Economics, Firm Dynamics, and Machine Learning

WORKING PAPERS

1. "Leverages of Productivity and Entrepreneurship"
2. "A Two-tree Heterogeneous Intermediary Asset Pricing Model: Solving with Deep Learning"

RESEARCH EXPERIENCE

Research Assistant for Prof. Kelvin Yuen (HKUST(GZ)) *Jan 2024 – Jan 2025*
Research Assistant for Prof. Ji Huang (CUHK) *May 2023 – Dec 2023*
Research Assistant for Prof. Xiaomeng Cui (JinanU) *Jan 2023 – Sep 2023*
Research Assistant for Prof. Yifan Zhou (FDU) *July 2021 – June 2022*

TEACHING EXPERIENCE

TA for UGOD5120: Entrepreneurship and Modern Economy (Grad) *Fall 2024*
Instructor: Prof. Kelvin Yuen HKUST(GZ)

OTHER EXPERIENCE

Economic Fluctuation and Growth Macro Summer School, CUHK(Shenzhen) *Summer 2024*
International Economics Reading Group, IMIM *Spring 2024*

HONORS AND AWARDS

Honorable Prize, Mathematical Contest in Modeling(and ICM) *2021*
HKUST(GZ) Postgraduate Student Fellowship *2024 – 2028*

MISCELLANEOUS

Languages	English(fluent), Chinese(native)
Programming	Julia, Python (PyTorch, JAX, Tensorflow), R, Stata, Matlab, LaTeX, Typst
Databases	PSID, NLSY, O*NET, FRED, CPS(IPUMS), JOLTS
Citizenship	China