Shidong Shao

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EDUCATION

The Chinese University of Hong Kong (CUHK)   Sep. 2022 - Present

PhD Student in Finance, CUHK Business School, Hong Kong

Nanyang Technological University (NTU)   Jul. 2021 – Jun. 2022

Master of Science in Financial Engineering, Nanyang Business School, Singapore

Zhejiang University (ZJU), Chu Kochen Honors College   Sep. 2017 – Jun. 2021

Bachelor of Economics Sciences in Finance, School of Economics, Hangzhou, China

RESEARCH INTERESTS

Empirical Asset Pricing, Market microstructure, High-frequency trading

PUBLICATIONS & WORKING PAPERS

1. **Options Order Imbalance, News Releases, and Intraday Return Predictability**, with Tse-Chun Lin and Xingguo Luo.

2. **Model-Free or Weighted Implied Volatility Method?**, with Xianli Du, Xingguo Luo amd Jiawei Yuan.
   - Revised and resubmitted to *China Journal of Econometrics*

3. **The Skewness Information of Chinese Option Market,** with Xingguo Luo and Xiaoli Yu.
   - Presented on *International Conference on Futures and Other Derivatives* (2021)

PRESENTATIONS

2021: *International Conference on Futures and Other Derivatives* (*ICFOD*)[*].
   * Presented by co-author

WORK IN PROGRESS

The Option Costs Puzzle: Intraday Evidence from Hong Kong Options Market (with Xingguo Luo)

❖ Utilized Python to preprocess the intraday high-frequency data in Hong Kong stocks and options markets; calculated the quote midpoints, the Black-Scholes values of options; computed a series of liquidity indicators *i.e.* the quoted half-spreads, conventional and new effectiveness half-spreads measuring option costs; established prediction models.

❖ Comparing the summary statistics and variables properties in different moneyness categories; conducting robust linear regression analysis of predicting the difference of quote midpoints; figuring out the potential timing execution mechanism behind the option transactions.

PROFESSIONAL EXPERIENCES

Dadi Futures Co., LTD. | *Assistant of Investment Department*   Hangzhou, Jul. – Aug,2020
- ❖ Formulated the market arbitrage and statistical arbitrage strategies according to actual stock market indicators.
- ❖ Constructed the trading strategies of the actual stock market.
- ❖ Wrote weekly market reports mainly including market summary of commodities, stock index futures, financial options and forecast of next week's markets.

Meixin Federation | *Tech Investment Research Program*   New York, Jan. – Feb. 2020
- ❖ Completed a project about replicating the US hedge fund strategies with team members based on 13F.
- ❖ Took charge of coding the trading strategy, backtesting program, and obtained considerable backtesting results.
- ❖ Made Slides and gave a satisfying final presentation with members; won the honor of 'Excellent Participant".

SCHOLARSHIP & AWARDS

Postgraduate Studentship, CUHK	Sep. 2022
MSc Financial Engineering Scholarship, NTU	May. 2021
Excellent Graduate, ZJU	Mar. 2021
The Zhejiang University Scholarship-Third Prize, ZJU	2018-2020
The Academic Excellent Award, ZJU	2018-2020
The Meritorious Winner of Mathematical Contest in Modeling, COMAP	Apr. 2020

SKILLS

Programming & Software: Python, SAS, C++, R, Stata, MATLAB, LaTeX, MS Office
Database: TAQ, CRSP, Compustat, OptionMetrics, RavenPack
Language: Mandarin (Native); English (Fluent; TOEFL: 109; GRE: 332)