Xiang (Kerwin) LIAO

CONTACT INFORMATION

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59 Zhongguancun Street,
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EDUCATION

The Chinese University of Hong Kong, Shenzhen, China — **2018.9 – 2019.11**
M.Sc. in Economics

Renmin University of China, Self-taught Higher Education — **2021 expected**
B.A. in Economics

University of International Relations, Beijing, China — **2010.9 – 2014.6**
B.M. in Administrative Management

CERTIFICATES / OTHER EDUCATION

National University of Singapore, Singapore — **2014.7 – 2014.9**
M.P.P Candidate in Public Policy (Withdrawal due to financial issue)

Stochastic Processes Data Analysis and Computer Simulation
edX & KyotoUx: 009x, 2019, Grade: 85

Introduction to Computational Thinking and Data Science
edX & MITx: 6.00.2x, 2016, Grade: 82

Introduction to Computer Science and Programming Using Python
edX & MITx: 6.00.1x, 2016, Grade: 88

RESEARCH INTERESTS

Firm-Government Relationships, Organizational Decision-Making, Computational Modelling, Behavioural Economics

RESEARCH / PAPERS

Danni Lai, Duoguang Bei, Xiugen Mo, Shuo Wang, **Xiang Liao**, Lianyun Zeng (2020) "**Effectiveness Analysis of Fiscal and Financial Policies from the Perspective of Financial Health of Small and Micro Enterprises**". Submitted to *Journal of Financial Research* for review

"**Government's Dilemma: Hike in the Administrative Costs or Sprawl of Social Nonconfidence**"
(In Progress, draft available at https://kerwinliao.github.io/gd.pdf)
Advisor: Xiaojian Zhao, Monash University Department of Economics
- Extension of Rotten Kid Theorem, Trigger Strategy to model the Game
- Focus on Top-up companies' fraudulent commitments

"**Web traffic and Merge and Acquisitions**" – joint with Weiliang Zhang (PhD candidate, UIUC Gies Business School) (Very Preliminary)

- Collect and clean mass dataset using Stata
- Apply Event Study, Poisson Model for empirical analysis

"**Prediction for Morningstar Analyst Rating**", Xiang LIAO (Working Paper)

- Apply KNN, Naïve Bayes, SVM to set up model for mass data
- Employ R/R-studio to clean data and run algorithms
- Available at https://ssrn.com/abstract=3442945
- Distributed in e-journals:
    - Computation Theory eJournal (Vol 2, Issue 56, September 10, 2019)
    - Econometric Modelling: Capital Markets - Asset Pricing eJournal (Vol 8, Issue 106, September 11, 2019)
    - Mutual Funds, Hedge Funds, & Investment Industry eJournal (Vol 11, Issue 155, September 13, 2019)

BOOK CHAPTERS	**Xiang Liao** (2020) "Asset Management for Wage-Earners and Micro and Small Enterprises", *The Report of Financial Inclusion Development in China (2020)*, ed. Duoguang Bei and Xiugen Mo **Xiang Liao** (2020) "White Book of Blue-Collar Workers in Manufacturing (2020)", ed. Duoguang Bei and Xiugen Mo

AWARDS / HONOURS	**First Class Subject Prize** The Chinese University of Hong Kong, Shenzhen Finance Institute	2019
	Outstanding Undergraduate Thesis Award University of International Relations	2014
	Undergraduate Research Grant University of International Relations, CNY¥4,000	2013

PROFESSIONAL EMPLOYMENT	**Chinese Academy of Financial Inclusion**, Beijing, China *Research Assistant, Research Division*	**2020.1 – present**

- Write reports, Data analysis and Provide technical support to various projects, including but not limited to:
    - Financial Diaries China funded by World Bank
    - COVID-19 Influence in China
    - White Book for Blue-collar Workers in Manufacturing
    - Financial Health and Education funded by MetLife

Morningstar, Inc., Shenzhen, China
Operations Analyst, Level II Support, Direct & Reporting   **2017.9 – 2018.7**
- Analyze and process clients' questions in software Direct (functional usage, calculation, methodology)

QA Automation Engineer, Direct Cloud, Manager Research   **2015.11 – 2017.9**
- Code in Python/Java to implement automation testing scripts
- Analyze and extract performance data collected by python-based automation tool for weekly reports

Data Research Analyst, Global ETF   **2014.9 – 2015.11**

New Oriental Education & Technology Group, Beijing, China
High School English Lecturer   **2012.6 – 2013.6**
Teaching Assistant   **2012.1 – 2012.5**

SKILLS	R, Python, STATA, VBA, MySQL
HOBBIES	Arts: Cuisine, Classical Music, Ukulele Sports: CrossFit, Basketball, Tennis Readings: Philosophy (Schopenhauer; Kant), Psychology (Carl Jung; Rolle May), Political Science & History (Philip Kuhn; Huntington)
LANGUAGE	English (Fluent), Mandarin (Native)
PERSONAL INFORMATION	Nationality: Mainland China Birthplace: Harbin Birth Date: Dec. 27