

Ming-Han Li

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Education

The London School of Economics and Political Science(LSE)

Aug. 2024 - June 2025(Expected)

MSc in Econometrics and Mathematical Economics

London, United Kingdom

- Taking Adv. Micro, Macro, Metrics, and Contract Theory

National Chengchi University(NCCU)

Sep. 2018 - Jan. 2023

B.S. in Statistics, B.A. in Economics

Taipei, Taiwan

- GPA: **4.20/4.30(top 5%)**
- Honors: Academic Achievement Awards four times
- Specialized in Mathematical Finance, with coursework in Mathematics, Economics, Statistics, and Finance

Experiences

Research Assistant, National Taiwan University(NTU)

June 2023 - Aug. 2024

Advised by Prof. Chen-Ying Huang

- Designed and executed the behavioral experiments, managed participant recruitment, and analyzed data.
- Conducted a comprehensive literature review on Behavioral Economics and Machine Learning in Decision Making.📄
- Developed a Python program with a user-friendly GUI for batch and individual processing of SCR raw data.📄
- Constructed Python scripts for web scraping, collecting thousands of data points from roughly 45 websites.

Machine Learning Intern

July 2020 - August 2020

Shanghai Yuanzi Information Technology Co., Ltd.

Remote

- Engineered a Python-based client ranking system to identify potential default risks.
- Achieved an AUC of 0.76 by employing probabilistic and machine learning models.
- Developed a real-time GUI to facilitate quick predictions on incoming client data.

Club Leader📄

Sep. 2020- June. 2022

Mathematics Information Technology Club at NCCU

- Delivered bi-weekly lectures on machine learning and statistics to 20 students.
- Equipped each student with the ability to implement machine learning algorithms in Python.

Selected Projects

Covid-19 Lockdowns: Impact on Unemployment Rate📄

Feb. 2021 - June 2021

Term Project for Econometrics(II)

- Identifying a diminishing impact of repeated lockdowns on unemployment rates and uncovering the significant economic rebound following the lifting of these lockdowns through DID and fixed-effects models using R.
- Utilized R-Squared and Bayesian Information Criterion (BIC) for model selection.

Development of Custom Gradient Descent Algorithm in R📄

Feb. 2020 - June 2020

Term Project for Programming and Statistical Software

- Engineered a multivariate gradient descent algorithm in R without using pre-built libraries for gradient descent.
- Delivered a comprehensive classroom presentation on gradient descent algorithms, including advanced forms.

Skills

Programming and Software Python, SAS, R, SPSS, \LaTeX

Languages Native in Mandarin; Fluent in English