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 Far Eastern IT 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