

# Yin-Yun Li

 Yin-Yun-Li | b10302331@ntu.edu.tw | Taipei, Taiwan

## EDUCATION

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<b>National Taiwan University</b> <i>Bachelor of Arts in Economics</i> <i>Double Major in Political Science, Public Administration Division</i>	Taipei, Taiwan Expected Jun 2026
<ul style="list-style-type: none"><li>• GPA: 4.12/4.3 (Overall); 4.22/4.3 (All economics courses)</li><li>• Dean's List Award, Fall 2023 / Fall 2025 (Top 5% of the department)</li><li>• NTU Presidential Award, 2023 (Top 2% of the department)</li><li>• Courses: Econometrics, Labor Economics, Introduction to Numerical Methods in Economics and Econometrics, Money and Banking, Game Theory</li></ul>	

## FIELDS OF INTEREST

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Applied Microeconomics, Labor Economics, Monetary Policy

## RESEARCH EXPERIENCE

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<b>C2L2 Lab, National Taiwan University</b> <i>Research Assistant</i>	Taipei, Taiwan Sep 2024-Present
<ul style="list-style-type: none"><li>• Examine how a retired worker's political preference and trust in government affect pension scheme choice.</li><li>• Cleaned and merged administrative labor insurance records with village-level election data in Taiwan for regression analysis.</li></ul>	

## SELECTED PROJECTS

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<b>College of Social Sciences, National Taiwan University</b> <i>The Effect of Substitute and Adjunct Teachers on High School Students' Academic Achievement</i>	Taipei, Taiwan Jun 2025
<ul style="list-style-type: none"><li>• Validated that students taught by non-regular teachers and those experiencing teacher reassignment in the third year had significantly lower GSAT scores in Math and English, controlling for covariates through linear regression.</li></ul>	
<i>Career Pathways: Advanced Study or Immediate Work</i>	
<ul style="list-style-type: none"><li>• Constructed and numerically solved a single agent's dynamic discrete choice model.</li><li>• Simulated career trajectory data and estimated predetermined parameters via the nested fixed point algorithm.</li></ul>	
<i>Monte Carlo Study: Stochastic Frontier Model</i>	
<ul style="list-style-type: none"><li>• Adopted a parametric approach under truncated-normal &amp; normal distribution to develop a structured data generating process.</li><li>• Estimated simulated data using various MLE methods to derive the sampling distribution of the estimators and evaluate the efficacy of different strategies.</li></ul>	

## ACTIVITIES

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<b>Institute for Social Science Methodology, Academia Sinica</b> <i>Annual Student</i>	Taipei, Taiwan Jul 2025
<ul style="list-style-type: none"><li>• Participated in the program on advanced social science techniques, including machine learning, social network analysis, and agent-based modeling.</li><li>• Received the Professor Jih-wen Lin Scholarship for a proposal on the effect of military service reform on future income, employing reduced-form and structural models and addressing identification issues in RD analysis.</li></ul>	

## SKILLS

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**Languages:** Mandarin (native), English (fluent)

**Programming:** R, Julia, L<sup>A</sup>T<sub>E</sub>X