

# Ernie Cheng-Xiang Zhuang

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## CONTACT INFORMATION

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Department of Economics  
National Taiwan University  
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## PERSONAL INFORMATION

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Born in New Taipei City, Taiwan, on November 27, 1999. Unmarried. Citizenship: Taiwanese.

## EDUCATION

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Sep 2024 - Present	<b>Ph.D. in Economics, National Taiwan University</b> , Taipei, Taiwan
Sep 2022 - Jun 2024	<b>M.A. in Economics, National Tsing Hua University</b> , Hsinchu, Taiwan <ul style="list-style-type: none"><li>GPA: 4.30/4.30 (top 7.00%)</li><li>Advisor: Stephen Jui-Hsien Chou</li><li>Thesis Title: Product Specialization in Successive Oligopoly with Differentiated Goods</li></ul>
Feb 2020 - Jun 2022	<b>B.A. in Economics, National University of Kaohsiung</b> , Kaohsiung, Taiwan <ul style="list-style-type: none"><li>GPA: 3.94/4.00 (top 3.39%)</li></ul>

## RESEARCH INTERESTS

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**Primary:** Industrial Organization, International Trade, Regional and Urban Economics, Financial Economics  
**Secondary:** Applied Microeconomics and Macroeconomics

## WORKING PAPERS

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2024	"Licensing Contracts among Asymmetric Manufacturers with Differentiated Goods" (with Stephen Jui-Hsien Chou)
2024	"Endogenous Competition Modes in Optimal Pollution Control Policies in a Duopoly"
2023	"Pollution Control and Social Welfare: A Dynamic General Equilibrium Model with Heterogeneous Productivity" (with Chong-Yue Huang)

## WORK IN PROGRESS

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- "Exploring Housing Bubbles and Money Supply: An Analysis Based on Rental Market Dynamics"
- "Does Student Loan Exacerbate Social Reproduction?" (with Sheng-Jang Sheu)
- "Endogenous Fertility, Educational Inputs, and Wealth Distribution: The Impact of Higher Education Expansion"
- "Quality and Quantity Competition in a Multiproduct Duopoly Under International Trade"

## ACADEMIC EXPERIENCE

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Feb 2023 - Jun 2024	<b>Institute of Economics, Academia Sinica</b> , Taipei, Taiwan <i>Research Assistant (part-time) for Prof. Shin-Kun Peng</i>
Mar 2021 - Jul 2022	<b>Department of Applied Economics, National University of Kaohsiung</b> , Kaohsiung, Taiwan <i>Research Assistant (part-time) for Prof. Sheng-Jang Sheu &amp; Prof. Ying-Yi Tsai</i>
Nov 2020 - Feb 2022	<b>Office of Institutional Research, National University of Kaohsiung</b> , Kaohsiung, Taiwan <i>Research Assistant (part-time)</i>

## TEACHING EXPERIENCE

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- Department of Economics, National Tsing Hua University**, Hsinchu, Taiwan

Sep 2023 - Jan 2024    *Principles of Economics I, Undergraduate, Teaching Assistant*  
 Feb 2023 - Jun 2023    *Microeconomics II, Undergraduate, Teaching Assistant*  
 Sep 2022 - Jan 2023    *Microeconomics I & Statistics I, Undergraduate, Teaching Assistant*

## ACADEMIC AWARDS, HONORS, AND SCHOLARSHIPS

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Jul 2024                    **Scholarship for Students Studying in Senior Secondary Schools and Above**, New Taipei City Government, New Taipei, Taiwan  
 Jun 2024                    **Honorary Member of the Phi Tau Phi Scholastic Honor Society**, The Phi Tau Phi Scholastic Honor Society, Hsinchu, Taiwan  
 Jul 2023                    **Scholarship for Students Studying in Senior Secondary Schools and Above**, New Taipei City Government, New Taipei, Taiwan  
 Feb 2023                    **Excellent Teaching Assistants**, National Tsing Hua University, Hsinchu, Taiwan  
 Nov 2021                    **Academic Excellence Award**, National University of Kaohsiung, Kaohsiung, Taiwan  
 Jul 2021 - Feb 2022    **College Student Research Scholarship**, National Council of Science and Technology, Taipei, Taiwan  
 Apr 2021                    **Academic Excellence Award**, National University of Kaohsiung, Taiwan  
 Sep 2020                    **Academic Excellence Award**, National University of Kaohsiung, Kaohsiung, Taiwan

## COMPUTER SKILLS

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**Programming:** Julia, Stata, R, Matlab, Mathematica  
**Typesetting:** L<sup>A</sup>T<sub>E</sub>X, LyX, Scientific WorkPlace, MS-Office

## LANGUAGE

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English (fluent), Mandarin Chinese (native), Hokkien (native)

## REFERENCES

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**Stephen Jui-Hsien Chou**  
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 National Tsing Hua University  
 Hsinchu, Taiwan  
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