Ernie Cheng-Xiang Zhuang – CV

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Personal Profile

I am currently pursuing my M.A. degree in Economics at National Tsing Hua University, having obtained my B.A. degree in Applied Economics from the National University of Kaohsiung in June 2022. During my undergraduate studies, I developed a keen interest in microeconomic theory and econometrics, which led me to pursue advanced studies in these fields. My current research focuses on trade and industrial policy under international oligopoly. In my free time, I enjoy reading books on economics, mathematics, statistics, and data science.

As part of my undergraduate studies, I completed several research projects that allowed me to apply my knowledge of economics to real-world issues. For instance, I worked as a research assistant at my school, where I analyzed data to predict job openings in the labor market over the next 10 years. I also received the NSTC research grant for university students, which allowed me to study to what extent student loans exacerbate intergenerational social class reproduction. These experiences deepened my understanding of the complexities of economic analysis and motivated me to pursue graduate studies in the field. I am excited to continue exploring cutting-edge research topics in economics and contributing to the field through my own research.

Education

2022.09 – present   **M.A.**, Economics, National Tsing Hua University, Taiwan.

2020.02 – 2022.06   **B.A.**, Applied Economics, National University of Kaohsiung, Taiwan.

2019.09 – 2020.01   **Transferred**, Finance & Financial and Computational Mathematics, I-Shou University, Taiwan.

2018.09 – 2019.06   **Transferred**, Medical Imaging and Radiological Science, I-Shou University, Taiwan.

2015.09 – 2018.06   **High School Diploma**, New Taipei Municipal DanFeng High School, Taiwan.

Research Interests

- Industrial Organization and Applied Game Theory
- International Trade
- Urban Economics
- Labor Economics (especially Education)
- Applied Econometrics and Data Science

Computer Skills

- **R**

  Data processing and analysis, Data visualization.

- **Stata**

  Data processing and analysis

- **Julia**

  Numerical analysis.

- **LaTeX**

  Typesetting articles, slides and books.

Research Experience

2023.02 – present Research Assistant, Institute of Economics, Academia Sinica.

2021.03 – 2022.07 Research Assistant, Department of Applied Economics, National University of Kaohsiung.

2020.11 – 2022.02 Research Assistant, Office of Institutional Research, National University of Kaohsiung.

Teaching Experience

2023.02 – present Teaching Assistant, Department of Economics, National Tsing Hua University, Undergraduate Microeconomics II.

2022.09 – 2023.01 Teaching Assistant, Department of Economics, National Tsing Hua University, Undergraduate Microeconomics I and Statistics I.

Honors and Awards

2023.02   Excellent Teaching Assistants, The Center for Teaching and Learning Development, National Tsing Hua University.

Work in Progress

- "The impact of personality traits, soft skills, and personal behavior on mathematical achievement"

- "To what extent does student loan exacerbate intergenerational social class reproduction"