Yufei Zheng

Tel: +1 (984)281-5243 | Email: yz850@duke.edu

Personal website: sophiezheng5.github.io

EDUCATION

- **Duke University** *Sept. 2023 - May 2025*
  Master of Arts in Economics
  ◦ GPA: 3.96/4.0

- **Hong Kong University of Science and Technology (HKUST)** *Sept. 2019 - July 2023*
  Bachelor of Science; Major: Mathematics and Economics; Minor: Information Technology
  ◦ GPA: 3.5/4.3   Major GPA: 3.61/4.3   Minor GPA: 3.73/4.3
  ◦ Honors: First Class Honors

- **University of Florida** *Jan. 2023 - May 2023*
  Study Abroad Exchange Program
  ◦ GPA: 3.92/4.0

RESEARCH INTERESTS

- **Fields:** Labor Economics, Family Economics, Gender Economics and Education Economics
- **Methodologies:** Structural models, reduced-form analysis

WORKING PAPER

[1] What Drives Censorship on College Campuses? (with Peter Arcidiacono, Cory Dowd, and Matthew Lilley)

[2] Fertility Choice of Second Child and the Diminishing Marginal Penalty on Women's Labor Market Outcomes , submitted to *Duke Journal of Economics*

SCHOLARSHIPS AND AWARDS

- Duke University M.A. Merit Scholar Award: 20% tuition scholarship *Fall 2024*
- Duke University M.A. Merit Scholar Award: 10% tuition scholarship *Spring 2024*
- Duke University Economics Master's Scholar Award: 30% tuition waiver *Fall 2023 - Spring 2025*
- The Hong Kong University of Science and Technology Dean's List *Spring 2021; Spring 2022*
- The Hong Kong University of Science and Technology University Scholarship *Fall 2019 - Spring 2019*

RESEARCH EXPERIENCE

- **Fertility Choice of Second Child and Its Marginal Child Penalty** *Sept. 2024 - ongoing*
  Master's Capstone Project. Supervisor: **Prof. Alessandra Gonzalez**, *Duke University*
  ◦ Adopted event study approach and fixed effect model to identify and estimate the short-run marginal penalty from second childbirth on women's labor market outcomes, by using China Family Panel Study data.
  ◦ Developed a transfer-utility bargaining model of fertility choice to explain the incentives for families to have a second child, incorporating with a social norms utility function as a key contribution.

- **Joint Determination of Labor and Marriage Market Outcomes** *Apr. 2024 - ongoing*
  Research Assistant for **Prof. Marjorie McElroy**, *Duke University*
  ◦ Identified the simultaneity problem in marriage and labor market.
  ◦ Performed 3SLS & 2SLS to estimate the effect of labor market outcomes on marriage and the reverse causality.
  ◦ Selected controls from outside sources supporting by literature and policies, to address endogeneity in two markets.

- **Duke Undergraduate Self-Censoring and Political Polarization (Co-author project)** *Jan. 2024 - ongoing*
  Research fellow for **Prof. Peter Arcidiacono**, *Duke University*
  ◦ Analyzed students' views on controversial issues and their sharing or self-censoring behavior by groups from the survey data, and found key drivers of self-censorship on college campuses.
  ◦ Rationalized view polarization and moderation behavior with economics, sociology and psychology terminologies.
  ◦ Trained and managed undergraduate research helpers and guided them to understand advanced economics knowledge and programming skills.

- **Firms in Globalization: Evidence from China** *June 2022 - Dec. 2022*
  Research Assistant for **Prof. Yao Amber Li**, *HKUST*
  Specific Topic: Export Performance of Chinese Privatized State-Owned Enterprises (SOEs)

- ◦ Processed data in Chinese manufacture industry, analyzed the different behaviors between SOEs and non-SOEs.
- ◦ Reviewed related listeratures in this research field and related policies in the data period.
- ◦ Performed analysis on potential explanatory policies in data period and estimated causal effect of observed behaviors of different enterprises.

- **Key Components in Financial Agreements and Their Effects** *June 2022 - Jan. 2023*
  *Research Assistant for **Prof. Xinlei Li**, HKUST*
  - ◦ Collected and analyzed loan information data from over 3000 Credit Agreements and transaction data from Alliance Agreements.

- **Analysis of Chinese Musical Market** *Feb. 2022 - June 2022*
  *Undergraduate Capstone Project. Supervisor: **Prof. Siu Fai Leung**, HKUST*
  - ◦ Analyzed the emerging Chinese musical markets and discussed the possible causal effect.
  - ◦ Designed and distribute questionnaires about people's knowledge, preference, and evaluation on Chinese musicals, analyzed the collected data.
  - ◦ Analyzed the ticket pricing problems and irrational behaviors in the market with my survey data.

INTERNSHIP EXPERIENCE

- **PricewaterhouseCoopers Limited (PwC), Hong Kong** *June 2021 - Aug. 2021*
  Tax Practice Intern. Department: Tax Department Transfer Pricing Team Hong Kong SAR, China
  - ◦ Assessed risks of inter-company transactions for more than 40 client companies and documented their transfer pricing behaviors in their Hong Kong operations. The transfer pricing documents include industry analysis, financial analysis and economic analysis (select comparables to perform benchmarking analysis).
  - ◦ Analyzed Country-by-country reporting threshold for multinational enterprise.
  - ◦ Provided capital investment advice to client companies based on the benchmarking analysis of debt-to-equity ratio.

- **China Construction Bank (CCB), Zhejiang Province Branch** *June 2020 - July 2020*
  Finance Technology Intern. Department: Data Management Department Hangzhou, China
  - ◦ Built 6 report models including CCB's E-trust Deposit Project by using Cognos system and published accessible portal to the internal data platform for further immediate query.
  - ◦ Collected and analyzed branches' performance data to generate the President's Daily Business Report.
  - ◦ Authored the user manual of the Employee Evaluation System.

SKILLS

- **Professional skills:** Programming in Stata/C++/Python/Java/R code/Matlab/LaTeX; Machine Learning
- **Languages:** Chinese (native); English (professional); Cantonese (fluent); Japanese (elementary)
- **Talents:** Table tennis (China National First-class Athlete, Champion of Sichuan Province Teenager Tournament); Chinese classic dance & folk dance (highest amateur level in China); Piano (highest amateur level in China)

SELECTED COURSES 1=UNDERGRADUATE LEVEL; 2=MASTER'S LEVEL; 3=PHD LEVEL

- **Economics:** Econometrics I & II [3], Empirical Market Design [3], Matching and Sorting [3], Intra-household Distribution [3], Game Theory [2], Microeconomics [2], Economics of Gender [2], Dynamic Discrete Choice (planned) [3], Structural Labor(planned) [3]
- **Mathematics:** Advanced Probability [2], ODE & PDE [2], Linear Programming [2], Real Analysis [1], Statistical Machine Learning [1], Stochastic Process [1], Mathematical Analysis [1], Linear Algebra [1], Multivariable Calculus [1]
- **Computer Science:** Probabilistic Machine Learning [2], Artificial Intelligence [1], Machine Learning [1], Object-Oriented Programming [1]

EXTRA-CURRICULAR ACTIVITIES

- Duke University Table Tennis Team member (women's team ranked 7th in the U.S. NCTTA 2024)
- Duke Choreolab 2024 Spring Dance Concert
- HKUST Table Tennis Team member
- HKUST Chinese Folk Art Society (Position: External Secretary of the 16th Executive Committee)
- HKUST School of Science MAGNET Program (Position: Mentor)
- HKUST MSSSUG Peer Mentor Program (Position: Mentor)
- Hong Kong Techathon 2021
- HKUST School of Science MAGNET Program (Position: Mentor)