SHEN FU (傅燊)

✉ fushen970523@hotmail.com   ☎ +65 8148 5865   in https://www.linkedin.com/in/fushen970523/

Personal website: https://fushen970523.wixsite.com/fushen

EDUCATION

Singapore Management University – Singapore   **15/Aug/2022 - 13/Aug/2024**
Master of Philosophy in Economics
- Field: Applied Microeconomics, Urban and Regional Economics, Transportation Economics, Health Economics
- Courses: (All courses are Ph.D level) Microeconomics; Econometrics; Macroeconomics; Empirical Research Project; Health Economics; Urban and Regional Economics
- Awards: SMU Ph.D/M.Phil Fellowship

Vanderbilt University – Nashville, the US   **11/Aug/2019 - 14/May/2021**
Master of Arts in Economics
- Courses: Mathematics for Economists (Ph.D course); Microeconomics (Ph.D course); Real Analysis; Research Seminar in Microeconomics; Statistical Analysis, etc…
- GPA: 3.97/4.0
- Awards: James S. and Rosemary Worley Award (For academic merit. Awarded to 4 of 38 first-year students); Outstanding Student Award (For academic merit)

University of Nottingham, Ningbo, China – Ningbo, China   **01/Sep/2015 - 06/Jul/2019**
Bachelor of Science (Honours) in International Business Management
- GPA: 3.6~4.0/4.0 (Official exact grade conversion is not provided by the university)
- Awards: Head's Scholarship in 2019 (Top 20%); Head's Scholarship in 2017 (Top 20%); Dean's Scholarship in 2016 (Top 10%); Nottingham Advantage Award in 2017

Peking University (Summer School) – Beijing, China   **09/Jul/2018 - 10/Aug/2018**
- Summer School Program Participant, GPA: 3.75/4.0
- Courses: Cognitive Science and Economics; Psychological Statistics; Contemporary Political Philosophy Research

University Of Nottingham (Exchange) – Nottingham, the UK   **29/Jan/2018 - 22/Jun/2018**
- International Exchange Program Participant
- Courses: Behavioural Economics; Game Theory; Macroeconomics

EXPERIENCE

Singapore Management University – Singapore   **01/Aug/2023 - 25/Jul/2024**
Researcher for MPhil Thesis
Title: City Shape, Commuting Time and Workplace Choice: Analyzing Urban Spatial Form in China
Thesis Committee: Dr. Ma Lin, Dr. Li Jing and Dr. Mei Yuan.
Under revising for future publication.
All key files are on my personal website: https://fushen970523.wixsite.com/fushen

- Innovated a method to calculate Chinese city shapes using nighttime light data, independently developing the steps and code with ArcGIS, QGIS, Excel and Python, in the absence of existing publicly available guidelines.
- Created and open-sourced the Chinese City Shape Database for over 250 cities, significantly contributing to future city shape studies in China.
- Sourced data from multiple databases, including government statistics, academic surveys and geographical data.
- Conducted data analysis and ran regression models to test various research hypotheses using Stata, Python, and R.
- Applied causal inference techniques to understand the mechanism of how city shape affects commuting times.
- Executed heterogeneity analysis and robustness checks to validate research findings.
- Provided policy recommendations for urban dwellers' welfare in response to the negative effects of poor city shapes.
- Performed data visualization using Stata to create journal-quality tables and graphs.

Singapore Management University - Singapore   **02/Aug/2023 - 26/Nov/2023**
Senior Teaching Assistant
Worked for course COR2100 Economics & Society
- Conducted TA sessions, resolving student inquiries to enhance their course understanding.
- Administered the peer evaluation system for 133 students to ensure timely assessments.
- Monitored online discussion threads to foster an interactive learning environment.

Vanderbilt University – Nashville, the US   **01/Jun/2020 - 01/Sep/2020**
Research Assistant
Worked for Dr. Hanchen Jiang on the labor economics project: Parental Migration, Children's Non-cognitive Development and Household Registration Policy in China
- Conducted extensive literature review, analyzing and summarizing over 100 academic papers on domestic migration and China's household registration policy to inform the research framework.
- Formulated specific research questions based on existing literature, directing the focus of the study.
- Identified and assessed methodologies from previous research for application in the current project.
- Compiled and evaluated databases from prior studies, extracting relevant data to support research objectives.

University of Nottingham, Ningbo, China – Ningbo, China   **01/Jan/2019 - 21/Jun/2019**
Research Assistant
Worked for Dr. Marina Glushenkova on the financial economics project: Effects of Infrastructure Development on Firm Productivity
- Functioned as a data analyst, executing comprehensive data sourcing, cleaning, and pre-processing tasks using Stata to ensure data accuracy and reliability.
- Sourced data from various corporate, financial and academic databases including Orbit, Compustat, and Global Financial Development Database from World Bank Group.

Yum China – Shanghai, China   **16/Jun/2017 - 30/Aug/2017**
Sourcing Planning Intern (Supply Chain Management)
The largest restaurant group in China, operate brands like KFC, Pizza Hut, etc…
- Monitored and queried daily data using the ERP system (Oracle JD Edwards) to maintain efficient supply chain operations.
- Conducted detailed data analysis to identify and resolve potential supply chain issues, collaborating effectively with local logistics centers.
- Developed and implemented plans for future material allocations, proactively anticipating and mitigating logistical issues.

ADDITIONAL

- Technical skills: Python, Stata, Tableau, MATLAB, R, SQL, ArcGIS, QGIS, LaTeX, Microsoft Office (Word, Excel, Powerpoint)
- Language proficiency: Mandarin (native), English (business professional)
- Work authorization: China (citizen). Graduated from Singapore Management University (SMU) in August 2024. Currently holding a Short-Term Visit Pass (STVP) / Long-Term Visit Pass (LTVP) in Singapore. Seeking positions with work visa / employment visa sponsorship.