

Boyuan Wang

Economist | Canadian Permanent Resident

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Professional Summary

Experienced researcher with 7+ years of success in high-impact analysis. Skilled in data management, economic modeling, and statistical inference to drive business objectives. Adaptable in dynamic settings, fostering strong partnerships for team success. Committed to continuous learning and growth.

Key Skills

- | | | |
|------------------------|---------------------|-----------------------|
| ✓ Economic Modelling | ✓ Policy Evaluation | ✓ Data Analysis |
| ✓ Statistical Analysis | ✓ Causal Inference | ✓ Data Visualization |
| ✓ Research Management | ✓ Large Datasets | ✓ Conceptual Thinking |

Research Experience

Uncertainty and Divorce

Dec 2019 – Dec 2021

PhD Research at Simon Fraser University

Burnaby, Canada

- Conducted empirical research on marriage dissolution in Japan, examining how limited knowledge of a partner's Burakumin identity affects the likelihood of divorce
- Generated a detailed population density map using QGIS
- Simulated a model to demonstrate the underlying mechanism in MATLAB
- Performed comprehensive statistical and visual analyses in Stata

Political Contributions and Vaccine Mandates

Apr 2022 – Sep 2023

PhD Research at Simon Fraser University

Burnaby, Canada

- Investigated the relationship between pharmaceutical company campaign contributions and US state lawmakers' roll call votes on COVID vaccine mandates
- Performed web scraping and data wrangling in R to gather and process data on state legislators from various databases
- Conducted empirical analysis using Stata

Conscription

Apr 2023 – Nov 2023

PhD Research at Simon Fraser University

Burnaby, Canada

- Examined the mechanism behind the conscription wage premium in South Korea
- Performed statistical and visual analysis utilizing both Stata and R

Research Analyst

May 2020 – Aug 2020

SFU Economics Department

Burnaby, Canada

- Studied cheating activities in online courses
- Identified quizzes, assignments, and exams where cheating may have occurred
- Regularly presented findings to the manager, graduate chair, and department chair
- Summarized findings into actionable reports with recommendations to prevent future cheating

Education

Simon Fraser University

PhD, Economics

Sep 2017 – Oct 2024

Burnaby, Canada

Simon Fraser University

MA, Economics

Sep 2016 – Oct 2017

Burnaby, Canada

University of Windsor

Bcomm, Business and Economics

Sep 2012 – Jun 2016

Windsor, Canada

Teaching Experience

Instructor

May 2021 – Aug 2021

Simon Fraser University

Burnaby, Canada

- Taught Principles of Macroeconomics (via Zoom)
- Organized and presented course materials, designed quizzes and exams to assess student performance
- Encouraged students to analyze real-world problems using economic theories with examples and exam questions
- Coordinated with teaching assistants and evaluated staff performance
- Conducted surveys to assess student understanding and satisfaction with course delivery

Teaching Assistant

Sep 2016 – Aug 2024

Simon Fraser University

Burnaby, Canada

- Led tutorial discussions and held problem-solving sessions for undergraduate students in Economics
- Held Economics Technical Workshops to help students with econometrics, Excel, Stata, and R

Working Papers

- "The Heterogeneous Effects of Uncertainty on Divorces", 2021
- "Did Big Pharma Influence the Adoption of COVID Vaccine Mandates?", 2023
- "Conscription: Extensive or Intensive Margin?", 2023

Awards and Skills

- **Awards:** Graduate Fellowship (5 times), Special Entrance Graduate Scholarship, P.A Della Valle Undergraduate Award in Economics, Board of Governors Medal-Business, Ben Matthews Prize in Business Administration
- **Certificate:** SFU Big Data Fellowships–Machine Learning and Artificial Intelligence Essentials, TCPS 2: CORE-2022
- **Software Skills:** Stata, R, MATLAB, Python, SQL, MS Office, Tableau, Power BI, LaTeX, QGIS
- Specialize in causal inference and applied microeconomics
- Skilled in presentations and teamwork
- Fluent in English and Mandarin

Volunteership

Policy Research Staff

Sep 2024 – Oct 2024

Meiling Chia Campaign for BC MLA, Burnaby South-Metrotown

Burnaby, Canada

- Consulted on policy development and conducted literature reviews to provide evidence-based support for public health policies
- Performed door-to-door surveys to assess voter preferences