

# Boyuan Wang

Analyst | Canadian Permanent Resident

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## Professional Summary

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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

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

## Research Experience

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### Economic Researcher

Dec 2019 – Dec 2021

*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

### Economic Researcher

Apr 2022 – Sep 2023

*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

### Economic Researcher

Apr 2023 – Nov 2023

*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

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<b>Simon Fraser University</b> <i>PhD, Economics</i>	Sep 2017 – Oct 2024 <i>Burnaby, Canada</i>
<b>Simon Fraser University</b> <i>MA, Economics</i>	Sep 2016 – Oct 2017 <i>Burnaby, Canada</i>
<b>University of Windsor</b> <i>Bcomm, Business and Economics</i>	Sep 2012 – Jun 2016 <i>Windsor, Canada</i>

## Teaching Experience

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<b>Instructor</b> <i>Simon Fraser University</i> <ul style="list-style-type: none"><li>• Taught Principles of Macroeconomics (via Zoom)</li><li>• Organized and presented course materials, designed quizzes and exams to assess student performance</li><li>• Encouraged students to analyze real-world problems using economic theories with examples and exam questions</li><li>• Coordinated with teaching assistants and evaluated staff performance</li><li>• Conducted surveys to assess student understanding and satisfaction with course delivery</li></ul>	May 2021 – Aug 2021 <i>Burnaby, Canada</i>
<b>Teaching Assistant</b> <i>Simon Fraser University</i> <ul style="list-style-type: none"><li>• Led tutorial discussions and held problem-solving sessions for undergraduate students in Economics</li><li>• Held Economics Technical Workshops to help students with econometrics, Excel, Stata, and R</li></ul>	Sep 2016 – Aug 2024 <i>Burnaby, Canada</i>

## Working Papers

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- "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

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- **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