

Tan Sein Jone

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🌐 <https://github.com/seinjonetan>

Education

09/2019 – 05/2022
Hamilton, Canada **Hons. BA. Economics, McMaster University**

- Dean's Honours List, 2020 - 2022
- Graduated Summa Cum Laude

09/2023 – 08/2024
Vancouver, Canada **MA Economics, University of British Columbia**

Professional Experience

05/2024 – present
Vancouver, Canada **Research Assistant, University of British Columbia**

- Professor Torsten Jaccard (Vancouver School of Economics)
- Merging customs import data with grocery store scanner data
- Using Fuzzy matching & BERT nlp to identify misspelled machine read ingredients

05/2024 – present
Vancouver, Canada **Research Assistant, University of British Columbia**

- Professor Scott Orr (Sauder School of Business)
- Multi product markups with joint production in firms
- Vertically integrated firm identification of arms length corporations
- Demand estimation for differentiated products using PyBLP

05/2024 – present
Vancouver, Canada **Graduate Academic Assistant, University of British Columbia**

- Designing R and Python workshops for students in the Masters in Food Resource Economics program

09/2023 – 04/2024
Vancouver, Canada **Graduate Teaching Assistant, University of British Columbia**

- Taught Intermediate Microeconomics and International Finance

09/2022 – 06/2023
Kuala Lumpur, Malaysia **Research Analyst, iFAST Corp**

- Created and maintained financial models
- Provided investment recommendations for high net worth and retail investors
- Hosted public videos and in person large scale events

Tech Stack & Skills

• Python	• R	• Julia
• SQL	• ReactJS	• Unix Systems

Projects

City Location Choice and Household Productivity

- Research project constructing model to simulate city location choices based on matched skills
- Successfully modelled how for example auto workers prefer to live in cities like Detroit
- Based on discrete choice models drawing from Frechet distributions

News Sentiment Analyzer

- Obtains historical news feeds via archived rss feeds and uses generalized scraping logic for most news sites
- Built in Python using PyTorch using BERT classifier trained on financial news