Tan Sein Jone

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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
- SQL
- R
- ReactJS
- Julia
- 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