

Ministry of Foreign Affairs and Trade

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Career Summary _

Economist Wellington

MINISTRY OF FOREIGN AFFAIRS AND TRADE (MFAT)

October 2019 — Present

- Leding and working across serveral different workstreams, generating value added analysis through written papers, dashboards, and recommendations. Working in-line with the Minstry's strategic goals, as well as collaborating with others and delivering through consultants
- Demonstrate strong analytical capabilities by utilising the Statistics New Zealand Integrated Data Infastructure. Querying and working across multiple data schema's and large tables to generate innovative firm level analysis; this work has cut across multiple projects,
- Worked widely with domestic and international agencies and stakeholders to deliver on projects, such as the CPTPP three year review, the OECD
 gender and trade working paper, and the Trade and Economic Group priorities,
- Regularly communicated my work, both verbally and written, tailoring findings to audiences so it can be easily understood digested and more
 impactful.

Analyst Wellington

MINISTRY OF SOCIAL DEVELOPMENT

April (MSD) 2018 — September 2019

- Worked in-house, collaborating internally amongst colleagues to forecast benefit payments for the yearly government budget as well as providing policy analysts' cost modelling results, which enabled informed decision making on policy changes,
- Regulary servicing time sensetive ad-hoc requests using complicated mirco level benefit data to answer Ministry wide questions. Leveraging SAS, SQL and Excel to do so.
- Worked with the Cheif Economist to developed a model that more accurately estimated the gender paygap, and presenting these findings to senior leadership.

Research Assistant Duned

University of Otago

January 2018 — March 2018

 Worked on an OECD Human Development Index proejct, which involved implementing Hierachical and K-means clustering on survey results, in order to indentify sub-population preferences for the three HDI componets: Income, Health, and Education.

Barista Dunedin

No. 7 BALMAC

October 2014 — November 2017

• Worked as a part-time barista, in a busy and popular cafe, while obtaining my degree at University.

Education

Masters of Economics, with distinction

Dunedin

OTAGO UNIVERSITY

2017 – 2018 Dunedin

Bachelor of Science, Major in Economics, Minor in Psychology

2014 – 2016

OTAGO UNIVERSITY

2014 - 2010

NCEA

Wiararapa

RATHKEALE COLLEGE

2007 - 2011

• Level 1, 2, 3

Skills

Programming Languages

INTERMEDIATE

- R knowledge, as well as SAS, SQL foundations
- Reporting in RMarkdown, and Git for version control

Visulisation

Basics

- · Experience with PowerBI for dashboarding
- Experience with R Shiny for internal interactive exploratory apps

Text Editors

INTERMEDIATE

• RStudio, Notepad ++, VS Code

Microsoft Office

PROFICIENT

· Excel, Outlook, OneNote, PowerPoint, Word

Other

BASICS

• HTML, CSS, Javascript, Git Bash

Notable Projects.

Academic

RESEARCH PAPERS

- · 'What Has New Zealand Gained from the FTA with China?: A Counterfactual Analysis' with Murat Ungor
- 'Estimating the Ministry of Social Development Gender Pay Gap' with Tim Maloney (Internal)'

Insights

MFAT RESEARCH PAPERS

- Contributed to 'The Produtive, Sustinable and Inclusive Trade Channels Framework'
- · 'Goods Exporting Firms in the Longitudinal Business Database'
- 'Industry Exposure to Trade The Trade Opportunities and Risk Model'
- 'Regional summaries The Trade Opportunities and Risk Model'

Other Accomplishments_

Datacamp

COMPETITIONS

- Exploring UK's fatal Traffic Accidents 1st Place
- · Hakuna Moscato. It means drink wine A targest approach to regional wine promotions 2nd Place

Datacamp

CAREER/SKILL TRACKS

- Data Scientist
- Data Analyst
- R Programmer
- Shiny Fundamentals

CGE modelling

PRACTICAL CGE MODELLING COURSE

• Excelled on the course - Pratical Computable General Equilibrium (CGE) Modelling. http://www.cgemod.org.uk/

Written Work

ONLINE - THE BIG Q

• What can we learn from the 2008 New Zealand-China Free Trade Agreement? The Big Q, March 30, 2021

Hospitality

Courses

· Certified Barista

References available upon request