

Ministry of Foreign Affairs and Trade

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# Career Summary \_

## **Ministry of Foreign Affairs and Trade**

Wellington

ECONOMIST

October 2019 — Present

- Leading and working across several different work streams, generating value added analysis through written papers, dashboards, and recommendations. Working in-line with the Ministry strategic goals, as well as collaborating with others and delivering through consultants,
- Working with big data from the Statistics NZ Integrated Data Infrastructure to generate innovative firm-level analysis that's informed on trade evaluation, the UK-NZ Free Trade Agreement, as well as the New Zealand and OECD trade and gender review,
- Working widely with domestic and international agencies and stakeholders to deliver on projects, such as the CPTPP three-year review, the trade evautation frame work and paper, and assessing global trade vulnerabilities,
- Regularly communicating analysis and findings to different stakeholders, tailoring to audiences so it can be better understood and more impactful.
- Out-of-cycle promotion for recognised contribution to team deliverables

## **Ministry of Social Development**

Wellington

ANALYST

April 2018 — September 2019

- Collaborating amongst colleagues to forecast benefit payments for the yearly government budget as well as providing policy analysts' cost modelling results and advice, which enabled informed decision making on policy changes,
- Regularly servicing time sensitive ad-hoc requests using complicated micro level benefit data to answer Ministry wide questions. Leveraging SAS, SQL and Excel to do so,
- Worked with the Chief Economist to developed a model that more accurately estimated the gender pay gap, and presenting these findings to senior leadership.

University of Otago Dunedii

RESEARCH ASSISTANT

January 2018 — March 2018

• Worked on an OECD Human Development Index project, which involved implementing Hierarchical and K-means clustering on survey results, in order to identify sub-population preferences for the three HDI components: Income, Health, and Education.

No. 7 Balmac Dunedin

BARISTA

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

Duneum

OTAGO UNIVERSITY

2017 - 2018

# Bachelor of Science, Major in Economics, Minor in Psychology

2014 = 2016

OTAGO UNIVERSITY

**NCEA**RATHKEALE COLLEGE

wiararapa

Level 1, 2, 3

2007 - 2011

# Skills

## **Programming Languages**

INTERMEDIATE

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

## **Visualization**

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

- · 'Inclusive and productive characteristics of New Zealands goods export firms' MFAT Working Paper, February 2022
- 'The Productive, Sustainable and Inclusive Trade Channels Framework' MFAT Working Paper, May 2021
- 'Industry Exposure to Trade The Trade Opportunities and Risk Model' MFAT Working Paper, July 2020

# Awards & Other Accomplishments

## **New Zealand Association of Economists**

#### PRESENTATIONS

- Poster Presentation on Trade Evaluation Framework; Productive, Inclusive, Sustainable Trade Channels 2021
- Poster Presentation on China New Zealand FTA won People's Choice Poster Prize 2018

#### Online

#### **DATACAMP COMPETITIONS**

- Exploring UKs fatal Traffic Accidents 1st Place
- Why staff are leaving and why you should care 1st Place
- · Neither Too much nor too little but just right. A protfolio assessment on the Goldie-locks of Bitcoin 2nd Place
- · Hakuna Moscato. It means drink wine A targeted approach to regional wine promotions 2nd Place

## DATACAMP CAREER/SKILL TRACKS

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

## PRACTICAL CGE MODELLING COURSE

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

## Written for The Big $\ensuremath{\mathsf{Q}}$

• 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