

# Rohan Alexander

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## **SUMMARY**

I trained as an economist and then worked at Australia's central bank and a private economic consultancy. As part of a small team I then co-founded a start-up that was bought. I am a post-doc at the Faculty of Information at the University of Toronto where I apply machine learning methods to questions in social sciences. I am an Australian citizen who lives in Toronto, Canada, and holds an open Canadian work permit.

## **PROFESSIONAL EXPERIENCE**

### **Co-founder and Director, GoCampaign**

#### **July 2011 to May 2015**

- As a co-founder and director of GoCampaign (later GoCatalyze), a data analysis tool, I was responsible for the creation and development of a business along with Andrew Barnes, Chris Eigeland and Chris Hood.
- In addition to helping create and run the business I had many specific responsibilities including creating marketing material and websites; making pitch decks; customer onboarding and service; presenting; market testing; and some minor managerial duties.
- GoCatalyze completed the ANZ Innovyz START accelerator program in 2013 and won the iAward Data Category in 2014. GoCatalyze is now part of GO1, which is a learning management system provider.

### **Economist, The Centre for International Economics**

#### **January 2012 to August 2013**

- The CIE is a privately-owned economic consultancy.
- I contributed to reports for public- and private-sector clients as part of a small team.
- Topics included: housing sector taxation; the global meat market; wheat price elasticities; variations to modern awards; migration; and labor markets.

### **Cadet/Analyst/Senior Analyst, Reserve Bank of Australia**

#### **February 2009 to December 2011**

- I researched topics related to banknotes, for example an econometric analysis of banknote demand during the 2007-08 financial crisis.
- I was also responsible for maintaining and analyzing counterfeit banknote datasets, and gave banknote-related presentations to the public.

## **CONSULTING EXPERIENCE**

### **Researcher, World Health Organization**

#### **March 2019 to present**

- I work on a casual basis to complete a specific project relating to maternal cause of death estimation.
- This involves text cleaning and analysis using R.

### **Consultant, Grosvenor Public Sector Advisory**

#### **April 2017 to February 2019**

- I worked on a casual basis to complete a specific project for the European Commission relating to public procurement data.
- This involved me: identifying data sources; preparing for and supporting data acquisition; conducting data quality confirmation; helping with survey design and validation; and some minor managerial responsibilities.
- Despite the fact that our team was spread across three cities, the client was remote, and at times the dataset was not in English, the client twice re-engaged us.

### **Economist, The Centre for International Economics**

#### **August 2015 to November 2015**

- I consulted at the CIE on a casual basis to complete a specific project for a client relating to valuing public sector outputs.

## **ACADEMIC APPOINTMENTS**

### **Postdoctoral Fellow, University of Toronto**

#### **July 2019 to present**

## **EDUCATION**

### **Ph. D (Econ), Australian National University**

#### **February 2015 to present**

My research applies quantitative methods to questions in Australian political and economic history. For instance, in one paper I digitize and analyze the words spoken in the Australian federal parliament using a Bayesian hierarchical model in R; in another I analyze spatial voting using Stata and R; and in a third I exploit differences-in-differences between labor market outcomes for brothers using Python, R and Stata.

### **M. Econ, Australian National University**

#### **February 2012 to November 2012**

### **B. Econ, University of Queensland**

#### **February 2004 to November 2008**

## **TEACHING**

### **Australian National University**

I tutored (equivalent to ‘teaching assistant’): Macroeconomics 3; Microeconomics 3; Behavioural Economics; Business Economics; Microeconomics 1; and Foundations of Economic and Financial Models.

## **University of Queensland**

I tutored: Microeconomic Policy; Microeconomic Theory; and Introductory Microeconomics.

## **PUBLICATIONS**

### **Peer-reviewed journal articles**

Rohan Alexander and Zach Ward, 2018, 'Age At Arrival and Assimilation In The Age Of Mass Migration', *The Journal of Economic History*, 78(3), 904-937.

Other papers including academic working papers, published opinion articles, and blog posts are available on my website.

## **SIDE PROJECT**

### **Petit Poll**

#### **April 2016 to present**

Petit Poll combines non-representative surveys that we gather ourselves with a Bayesian MRP model to produce Australian political polling. I am responsible for all aspects of our surveys, marketing and communication, and have shared responsibility for our model.

## **KEY TECHNICAL SKILLS**

Proficient in R; familiar with: Python, Stata, SQL, and HTML/CSS.

Proficient in Word, Excel and PowerPoint, and their Apple and Google equivalents.

## **CITIZENSHIP AND WORK PERMIT**

Australian citizen with an open Canadian work permit that expires on July 2023.

## **REFERENCES**

John Tang	Stefan Gassner	Chris Eigeland
Senior Lecturer	Associate Director	COO
Australian National University	Grosvenor	GO1
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