# George Tyler

Finalist at Durham University with skills in **econometrics and data wrangling in Python, Stata, and R**; looking for roles in data-focussed economics. Australian/British dual citizen.

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## Education

### 2017–2021: Durham University – Philosophy, Politics, and Economics

Dissertation working title: *Population Density and Shelter-in-Place Orders: A Bayesian Analysis*. Final year Economics modules: Advanced Macroeconomic Theory, Labour Economics. First class overall in second year.

### 2019–2020: Ormond College, Melbourne University (Study Abroad)

Three honours courses: Mathematics for Economists, Econometrics 3, Development Economics. Other courses include Data Processing with Python (2nd-year CS course, including web-scraping and machine learning), 3rd-year Economic Analysis and Policy with Australian public policy focus. H1 average; awarded Ormond Scholar for 2019 and 2020.

### 2009–2016: The Oratory School, Woodcote, Oxfordshire

A*AA at A level in Latin, Classical Greek, Mathematics respectively. 12 A*s at GCSE.

## Experience

### Jun 2020 – Aug 2020: Intern, Quantitative Risk Analytics, Bank of England

I interned at the Bank of England, in a research team in the Financial Risk Management division of the Markets directorate. I completed two projects. In the first project I wrote and tested production code for a risk model; in the second, I researched and wrote a risk model for a new asset class. The research paper passed committee review and will be the basis of future work on the asset class for the QRA team; the code forms part of the Sterling Monetary Framework.

### Apr 2020 – Aug 2020: Research Assistant, COVID-19 Policy, Durham University

I worked as a research assistant for Prof. Angel Hernando-Veciana on a paper about the public policy problems of COVID-19. I collected and cleaned medium-size datasets in R, including webscraping to generate panel data.

### Feb 2020 – Jun 2020: Tutor, Quantitative Methods 1, Economics Faculty, Melbourne

I worked as a TA in the first-year economic methods class, delivering tutorials to three classes per week, holding contact hours, and marking assessments. My method of conducting remote tutorials was recognised and I wrote a guide for student engagement over Zoom in the department remote-teaching handbook.

**Dec 2019 – Jan 2020: Intern, Programme Evaluation, Adara Group**

Worked on econometric evaluation of a neonatal health programme in rural Uganda at the head office of an NGO. I designed and implemented a cost-effectiveness analysis of Hospital to Home, a community neonatal healthcare program, and am a co-author on the research paper.

**Oct 2018 – Jun 2019: President, University College Boat Club**

Initially as Captain, I led a mens squad of over 50 athletes. I stepped in as President during the second term, leading the executive team and managing the clubs significant capital assets. I oversaw a large year-on-year increase in enrolment and led two grant campaigns.

**Jan – Jul 2017: Future Hope, Kolkata, India**

Lived and worked in an education and health NGO for low-income children. I mentored and tutored a small group of young women each evening, and taught Mathematics, English, and Science to ages 8-14 during the school day. I led two large projects: a whole-school musical, and an initiative to teach basic music skills.

**Aug 2015: PwC, London**

Shadowed a senior consultant at highly competitive Insight week. I undertook a consultancy project and assisted with confidential auditing of client data.

## Technical Skills

Web-scraping for econometrics.

Panel datasets and data cleaning.

Languages/Technologies: `Python, R, Stata, Git, Unix.`

## Notable Achievements

**Ormond Scholar** for 2019 and 2020, in recognition of outstanding academic achievement among Ormond residents.

**Awarded "College Colours"** for 2018-19, a recognition of outstanding contribution to college life.

**Co-wrote and published a 50-page report** on the Durham Economics curriculum. Advocated for my findings on a panel with Cahal Moran, author of *The Econocracy*.

**Led a 6-month project to produce The Lion King at Future Hope.** The production was at a large scale, involving all students, and made the Kolkata news.

## Other Positions of Responsibility

Curriculum Officer, Durham Society for Economic Pluralism. Further to publishing the Curriculum Report I managed a sub-committee, aiming at taking our findings to the national student body and achieving change within Durham Economics teaching.

Editor-In-Chief, Durham University Economics Society Journal.