

George Tyler

Finalist at Durham University with skills in **applied microeconomics and data wrangling in Python, Stata, and R**; looking for research assistant and graduate roles in data-focussed economics.

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Education

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

Dissertation: *Population Density and Shelter-in-Place Orders: A Bayesian Analysis*

Third year Economics modules: Advanced Macroeconomic Theory, Advanced Microeconomic Theory

First class overall in second year, **in the top 10 in cohort**.

2019–2020: Melbourne University (Study Abroad)

Honours courses include: Mathematics for Economists (Real Analysis using de la Fuente, Mathematical Methods and Models textbook – 86/100); Econometrics 3 (Postgraduate level – 82/100); Development Economics; Data Processing with Python (2nd-year CS course, including web-scraping and machine learning).

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.

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. I am now writing my dissertation using the dataset.

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 mentioned as an exemplar 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, Bash, Matlab.

Notable Achievements

In the top 10 performers in my PPE cohort at Durham University in the 2019 exams.

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.