

George Tyler

Finalist at Durham University with skills in **economics, econometrics and data wrangling in Python, Stata, and R**; seeking roles in public policy macroeconomics. Australian/British dual citizen.

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Education

2017–2021: Durham University – BA (Hons) Philosophy, Politics, and Economics

Dissertation: *Risk Perception and Social Distancing: Evidence from 15.3 Million Tweets*. Final year Economics modules: Advanced Macroeconomic Theory, Labour Economics. First class in all second year courses.

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 2021 – Aug 2021: Intern, Monetary Analysis, Bank of England

I interned in the Credit, Banking, and Finance team of the Monetary and Financial Conditions division. MFCD forms part of the Monetary Analysis directorate and conducts economic research to support the decisions of the Monetary Policy Committee. I am completing a project on monetary policy transmission with a particular focus on mortgage rates.

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 – Jan 2021: Research Assistant, Faculty of Economics, 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 large datasets in R, including webscraping scripting to generate panel data. Subsequently I was employed under Dr. Kenju Kamei in a lab experiment studying democracy norms.

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.

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

Initially as Captain, I led a men's squad of over 50 athletes. I stepped in as President during the second term, leading the executive team and managing the club's 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.

Technical Skills

Data science and Econometrics: assembling, cleaning, and modelling large (> 50GB) datasets, using R and Python.

Causal inference methods and related statistical techniques.

Domain-specific knowledge of various topics in economics: in particular policy cost-effectiveness, monetary policy / central banking, and credit risk.

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.

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

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<https://www.georgetyler.me/>