George Tyler

Finalist at Durham University applying to postgraduate programmes in Economics. Research interests in Health and Education economics, particularly in policy cost-effectiveness and external validity.

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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*
Third year Economics modules: Advanced Macroeconomic Theory, Labour Economics.
First class overall in second year.

2019–2020: Melbourne University (Study Abroad)

Selected courses: Mathematics for Economists (1st-year Economics PhD course. Real Analysis with *de la Fuente*, Mathematical Methods and Models – 86/100); Econometrics 3 (*Davidson/MacKinnon* textbook – 82/100); Development Economics.

Experience

Apr 2020 – Present: Research Assistant, Durham University Business School

Apr – Jul   RA 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.

Sept –   RA for Dr. Kenju Kamei on an experimental economics project.

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.

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.

Jan – Jul 2017: Future Hope, Kolkata, India

Worked at Future Hope, which provides housing, education, and healthcare to street children. I mentored a group of young women and taught Maths, English, and Science to children aged 8-14. I led two projects; a whole-school musical, and an initiative to teach basic music skills.

Technical Skills

Web-scraping for econometrics; panel data cleaning and analysis; Bayesian econometrics; R parallelisation. Languages/Technologies: `Python, R, Stan, Git, Bash`.

Academic Achievements

First class at Durham and Melbourne in 2019 and 2020.

Ormond College Scholar, Melbourne, 2019-2020.