

Giacomo Mason

Data Scientist and Applied Economist

Flat 4, Park View Apartments – 5-7 Downs Road– London E5 8QJ

Mobile: +44 (0) 747 2014275 – Email: mason.gcm@gmail.com

Key Skills

- Economist and data scientist with over four years industry experience and six years research record
- PhD-level foundations in econometric modelling, causal inference, statistics, and machine learning
- Diverse range of practical applications, from survey data to natural language
- Data cleaning, analysis, and modelling using multiple programming languages (Python, R, Stata)
- Experience communicating technical findings and visualisations to internal and external stakeholders

Recent Experience

- | | |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2022 – pres. | Senior Data Scientist
<i>Deliveroo – London, UK</i> <ul style="list-style-type: none">• Working across two teams: Experimentation and Measurement, Consumer Behaviour Science.• Maintaining and developing experimentation infrastructure.• Focus on customer lifetime value estimation. |
| 2019 – 2022 | Data Scientist
<i>Data, Technology, and Analytics Unit – Competition and Markets Authority – London, UK</i> <ul style="list-style-type: none">• Delivered an automated document ingestion pipeline to enhance document review in competition cases.• Worked on the CMA's landmark study on Online Platforms and Digital Advertising, overseeing the big-data empirical analysis for the study. Authored the econometric analysis of a large RCT by Google.• <i>Other projects</i>: network modelling of company ownership relationships, network analysis of deceptive online reviews, automated scraping and analysis of social media content.• <i>Technical skills</i>: network analysis; large-scale webscraping; data pipelines; machine/deep learning for NLP; collaborative software development; code review.• Member of the Civil Service Digital, Data, and Technology (DDaT) profession. |
| 2014 – 2019 | Research Consultant
<i>Institute for Fiscal Studies – London, UK / Oxford Policy Management – Oxford, UK</i> <ul style="list-style-type: none">• Evaluation of the Child Development Grant Programme, a clustered RCT in northern Nigeria.• Led the design of the household survey, and the entire data analysis process.• <i>Technical skills</i>: survey programming, data cleaning, causal inference with panel data, visualisation. |
| 2014 – 2019 | PhD Researcher, Economics
<i>University College London – London, UK</i> <ul style="list-style-type: none">• Supervisors: Prof. Orazio Attanasio, Prof. Gabriella Conti. Main projects: <i>Inequality in early-life socio-emotional skills: a cross-cohort comparison</i>; <i>The impacts of a pregnancy lifestyle intervention on maternal outcomes</i>; <i>Estimating health production functions: a control function approach</i>• <i>Technical skills</i>: multivariate and regression analysis; longitudinal data; factor analysis and structural equation models; permutation and bootstrap inference; multiple hypothesis testing. |

Other Work and Research Experience

- | | |
|-------------|----------------------------------------------------------------------------------------------------------------|
| 2018 | Private Tutor – <i>TheProfs – London, UK</i> |
| 2015 – 2018 | Postgraduate Teaching Assistant – <i>University College London, Dept. of Economics – London, UK</i> |
| 2013 | Health Economics Junior Researcher – <i>International Renal Research Institute (IRRI) – Vicenza, IT</i> |
| Previously | Junior business analyst, research assistant, event photographer |

Publications		
2021	<i>The Impacts of a Multifaceted Pre-natal Intervention on Human Capital Accumulation in Early Life</i> w. P. Carneiro, L. Kraftman, L. Moore, I. Rasul, M. Scott. American Economic Review 111 (8): 2506-49.	
2020	<i>Inequality in Socio-Emotional Skills: A Cross-Cohort Comparison</i> w. O. Attanasio, R. Blundell, G. Conti. Journal of Public Economics , 191	
2019	<i>The Developmental Origins of Health Inequality</i> w. G. Conti, S. Poupakis. Oxford Research Encyclopedia of Health Economics (OUP)	
Education		
2013 – 2019	PhD Economics – University College London, Department of Economics Student Academic Representative (StAR) for the 2014/2015 MPhil cohort Organiser of weekly Applied Microeconometrics Reading Group	
2010 - 2012	MSc Economics and Finance (<i>cum laude</i>) -- University of Padua, School of Economics and BA Dissertation: <i>Distance From Markets And Consumption Inequality: Evidence From Rural Lagos</i>	
2007 - 2010	BSc Economics and Business (<i>cum laude</i>) – University of Padua, School of Economics and BA LLP / Erasmus Programme – Copenhagen Business School, Denmark Intl' Summer Program in Management – University of Michigan, Ann Arbor, MI Dissertation: <i>An Essay on Growth and Inequality</i>	
Volunteering		
2017 – pres.	Director – <i>Unseen Tours</i> – Walking tours with Londoners affected by homelessness – London, UK <ul style="list-style-type: none">Social enterprise in the tourism sector, organising guided walks of LondonVarious product and business development tasks	
Skills		
Software	<ul style="list-style-type: none">R – data cleaning, analysis, visualisation, statistical modellingPython – web scraping, machine and deep learning, NLPStata – data cleaning, econometric modelling, visualisationGit/GitHub – version control and collaborationUnix, SQL, Matlab, Julia	<i>Advanced</i> <i>Advanced</i> <i>Advanced</i> <i>Advanced</i> <i>Basic</i>
Training courses	<ul style="list-style-type: none">Center for Microeconomic Methods and Practice (cemmap): Dynamic programming, Survival analysis, Statistical graphing, Applied nonparametric econometrics, Programme evaluation, Econometrics of cross-section and panel data, Discrete choice modelling.UCL: Adaptive modelling of complex data, Introduction to relational databases/SQLOnline: Python for data science and machine learning (Udemy), Deep Learning for NLP (Stanford), Intro to Deep Learning with PyTorch (Udacity), Social and Economic Networks (Coursera)	
Certificates	ETS GRE – Quantitative Reasoning: 170/170; Verbal Reasoning: 166/170; Analytical Writing: 4.0 ETS TOEFL iBT – Grade 119/120	
Language	Italian (native), English (professional), German (v basic), Spanish (v basic), Levantine Arabic (v basic)	
Other	<ul style="list-style-type: none">Amateur digital and film photographer, proficient at photo editing (Lightroom / Capture One)Podcaster at Tiriamo a Campari (in Italian), a current affairs show	