

Fabian Gunzinger

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I'm a behavioural scientist with 10+ years of research and 5+ years of project management experience in academia, central banking, and consulting. I'm happiest when solving computational problems and writing beautiful code to study human behaviour using large scale datasets and methods from data science and econometrics. The academic in me loves doing this to better understand how people form habits and manage their money; the craftsman in me, to help build great products.

Education

PhD in Behavioural Science, Warwick Business School, 2019–2022 (expected)

MPhil in Economics, University of Oxford, 2015–2017

MSc and BSc in Economics, University of Bern, 2009–2014

BSc in Business Administration, Lucerne School of Business, 2006–2009

Pre-university: commercial apprenticeship, military service, 2001–2006

Work experience

Data scientist, tracktheeconomy.ac.uk, December 2020–June 2021

- Designing and building interactive dashboard to track UK economic performance in real time at geographically granular level on my own in 6 months (and learning R, Shiny, and AWS from scratch in the process)
- Working with private data providers to build fully automated pre-processing pipeline integrating all data assets such as individual-level bank-statement, mobile location data, and credit-scores (all of GB/TB-order size)
- Setting up and managing project's AWS resources (IAM, S3, EC2)

Research Advisor, Behavioural Insights Team, London, October 2018–December 2019

- Designing, implementing, and analysing large-scale randomised controlled trials across a range of policy areas including one trial in 300+ schools with 10,000+ students across the UK
- Conducting exploratory data analysis including one to identify extraneous calls to a major UK police force
- Training and mentoring colleagues in Stata programming and statistical methods

Research assistant, Department of Economics, Oxford University, September–December 2017

- Performing analysis of a large-scale randomised controlled trial in Kenya testing the effect of behavioural interventions
- Setting up code-sharing platform for the lab on GitHub and training colleagues to use it

Economist and staff to the Vice-Chairman, Swiss National Bank, Bern and Zurich, April 2013–April 2015

Research scientist, Center for Health, Policy and Economics, University of Lucerne, Fall 2014 and 2015

- Conducting data analysis for a project on the causal link between socioeconomic status and health behaviour
- Developing code for visualisations using ggplot2 that was used by the rest of the team

Intern, Credit Suisse Global Financial Market Research, Zurich, March–June 2012

Research assistant, Chair of Applied Macroeconomics, ETH Zurich, September 2009–May 2013

Skills

Programming languages: Python, R, Stata, SQL

Tools: AWS, bash, Git, L^AT_EX, Make

Languages: German (native), English (fluent), French (basic)

Teaching

Big Data Analytics, Warwick Business School, Teaching assistant to Neil Stewart, Spring 2021

- Introduction to R (using *R for Data Science*) and machine learning (using *An Introduction to Statistical Learning*)