

James D. S. Atkins

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Education

- 2018–2021 **Bocconi University**, *MSc Economic and Social Sciences*, Milan, Italy
110/110 cum laude
Thesis: *The Price of Privacy in the Android App Market* supervised by Prof. Francesco Decarolis
Main subjects: Microeconomics, Game Theory, Industrial Organisation, Empirical Industrial Organisation, Statistics
Elected class representative 2019-20
- 2011–2014 **University of Cambridge**, *BA (Hons.) Economics*, Cambridge, United Kingdom
Dissertation: *Monetary Policy in the Great Recession* supervised by Prof. Chryssi Giannitsarou

Professional Experience

- July **Bocconi University**, *Research Assistant*, Milan, Italy
- 2020–Ongoing Research Assistant for Professors Francesco Decarolis and Marco Ottaviani. Tasks included:
- Building a database of apps and their characteristics by web scraping the Google Play Store and the Apple App Store; analysis of the relationship between app prices, in-app advertising and app intrusiveness
 - Assistance with the revision and final submission of ‘*From Mad Men to Maths Men: Concentration and Buyer Power in Online Advertising*’, published in the American Economic Review. Ensured replicability for the AER data editor.
 - Research on “Grantmaking”, a model of research funding across projects in different fields
 - Numerical simulations using R and Python
 - Reworking the proofs using a monotone comparative statics approach
 - Analysis of effects of Google’s Android ‘Choice Screen’ auction on other search engines
- 2015–2018 **DotEcon Ltd**, *Economic Consultant*, London, United Kingdom
Worked on high-value auctions for both auctioneers – typically governments and regulators – and bidders. Example projects include:
- Supported a bidder in the 2019 Canadian 600 MHz auction; researched GARP-based activity rule including implementation using Floyd-Warshall algorithm
 - Development of winner determination software for the 2018 Irish 26 GHz spectrum auction
 - Supporting a bidder in the 2017 700 MHz and 1800 MHz spectrum auction in Saudi Arabia; estimation of the valuations of rival bidders
 - Assisted with the design, implementation and testing of Klemperer’s product-mix auction for a European central bank

Skills

Programming

- Python Proficient. Good knowledge of the *pandas* and *numpy* libraries, and web scraping.
- R Proficient, in particular with the *tidyverse* collection of packages. Experience in using *Shiny* to create interactive web apps. Ran a seminar series at DotEcon teaching R to my colleagues.
- C++ Good knowledge. Knowledge of linear algebra and linear programming libraries.
- Stata Good knowledge
- Other LaTeX, Git