Pablo **Forero**

Data Scientist · Economics Researcher

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Education

European University Institute	*Florence, Italy*
Ph.D. (ABD) in Economics	*2012 - 2017*

- Thesis title: *Competition, Tasks and Earnings Inequality*
- Supervisor: Ramon Marimón
- Research in International Trade, Macroeconomics, Labour Economics and Computational Economics.

European University Institute	*Florence, Italy*
MRes in Economics	*2012 - 2013*

Universidad de Navarra	*Pamplona, Spain*
MSc in Economics and Finance	*2010 - 2011*

University of Exeter	*Exeter, UK*
B.A. in Economics and Politics	*2006 - 2009*

Work Experience

Allfunds	*Madrid, Spain*
Senior Data Scientist, Innovation Lab	*2018 - Present*

- Developed a predictive model using Random Forests, in order to profile retail costumers fund buying preferences.
- Started an experimental project for classifying share classes using Natural Language Processing with prospectus in PDF format.
- Defined and analysed a project to implement a company wide CRM.
- Assisted in the development of a company Datalake built using Google Cloud.
- Created a Python tool for a systematic analysis of prices.
- Developed a pipeline of internal information and advanced analytics for management reporting.
- Assisted in the development of a new cloud based rebate calculation tool.
- Created a module used to generate in the cloud the reporting of prices for internal and external users.

SAIS John Hopkins University	*Bologna, Italy*
Teaching Assistant	*2015*

- Teaching assistant in International Trade for Professor G. Plummer.

Banif (Santander Private Banking)	*Madrid, Spain*
Analyst, Asset Management	*2009 - 2010*

- Analysis of assets and portfolios for asset managers.
- Generate the weekly reporting of the fixed income portfolios.

Renaissance Capital	*London, UK*
Intern, Research	*2008*

- Research on Sub-saharan emerging markets.

CQS	*London, UK*
Intern, Research	*2008*

- Assisted portfolio managers on the analysis of firms, specially their pension liabilities.

ING Capital	*London, UK*
Intern, Research	*2007*

- Research on Easter European emerging markets and Iberian utilities.

Professional Activities

EABCN Training School *Florence, Italy*
Participant *2016*
- *Micro-Structure of Trade - Theory and Evidence*
- Taught by Klaus Adam

Workshop on Economic Policy Challenges *Florence, Italy*
Discussant *2016*
- *The Optimal Inflation Rate and Firm-Level Productivity Trends*
- By Klaus Adam and Henning Weber

The Econometric Society 2016 European Winter Meeting *Edinburgh, UK*
Presenting *2016*

Simposio de la Asociación Española de Economía *Bilbao, Spain*
Presenting *2016*

Zurich Initiative on Computational Economics *Zurich, Switzerland*
Participant *2015*

COEURE Workshop on Labour Markets *Brussels, Belgium*
Rapporteur *2015*
- *EU Dual Labour Markets: Consequences and Potential Reforms*

Skills

Research	International Trade, Macroeconomics, Labour Economics, Computational Economics
Languages	Spanish, English, French (Basic), Italian (Basic)
Programming Languages	Python, Matlab, SQL, LaTeX, Julia, VBA
Statistical Tools	Pandas, Excel, Scikit-learn, Pyro, Dynare, Eviews, Stata
Cloud Tools	Google Cloud Platform, BigQuery
Technology Tools	Docker, Git, Office, Sphinx, Plotly, Airflow, PyTorch