

# 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

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

PARTICIPANT

- *Micro-Structure of Trade - Theory and Evidence*
- Taught by Klaus Adam

*Florence, Italy*

2016

## Workshop on Economic Policy Challenges

DISCUSSANT

- *The Optimal Inflation Rate and Firm-Level Productivity Trends*
- By Klaus Adam and Henning Weber

*Florence, Italy*

2016

## The Econometric Society 2016 European Winter Meeting

PRESENTING

*Edinburgh, UK*

2016

## Simposio de la Asociación Española de Economía

PRESENTING

*Bilbao, Spain*

2016

## Zurich Initiative on Computational Economics

PARTICIPANT

*Zurich, Switzerland*

2015

## COEURE Workshop on Labour Markets

RAPPORTEUR

- *EU Dual Labour Markets: Consequences and Potential Reforms*

*Brussels, Belgium*

2015

## Skills

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