

# Pablo Forero

DATA SCIENTIST · ECONOMICS RESEARCHER

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## Education

### European University Institute

PH.D. (ABD) IN ECONOMICS

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

Florence, Italy

2012 - 2017

### European University Institute

MRES IN ECONOMICS

Florence, Italy

2012 - 2013

### Universidad de Navarra

MSC IN ECONOMICS AND FINANCE

Pamplona, Spain

2010 - 2011

### University of Exeter

B.A. IN ECONOMICS AND POLITICS

Exeter, UK

2006 - 2009

## Work Experience

### Allfunds

SENIOR DATA SCIENTIST, INNOVATION LAB

- Developed a predictive model using Random Forests, in order to profile retail customer's fund buying preferences.
- Created a classifier of share classes' assets strategy using Natural Language Processing with prospectus in PDF format.
- Worked in the development of a company Datalake built using Google Cloud.
- Created a tool for the systematic analysis of company prices.
- Developed the pipelines of internal information and advanced analytics for management reporting.
- Worked in the development of a new cloud based rebate calculation tool.
- Created the module used to generate the internal and external reporting of prices and billing.
- Developed predictive indicators commercialized to external costumers.

Madrid, Spain

2018 - Present

### SAIS John Hopkins University

TEACHING ASSISTANT

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

Bologna, Italy

2015

### Banif (Santander Private Banking)

ANALYST, ASSET MANAGEMENT

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

Madrid, Spain

2009 - 2010

### Renaissance Capital

INTERN, RESEARCH

- Research on Sub-saharan emerging markets.

London, UK

2008

### CQS

INTERN, RESEARCH

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

London, UK

2008

### ING Capital

INTERN, RESEARCH

- Research on Easter European emerging markets and Iberian utilities.

London, UK

2007

## Professional Activities

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### 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

### Símpoio 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

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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>	Pandas, Excel, Scikit-learn, Pyro, Dynare, Eviews, Stata
<b>Cloud Tools</b>	Google Cloud Platform, BigQuery
<b>Technology Tools</b>	Docker, Git, Sphinx, Plotly, Airflow, PyTorch