

# Renato Vassallo Sarango

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## EDUCATION

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### Barcelona School of Economics

Master Program in Data Science for Decision Making  
Relevant courses: Deep Learning, Advanced Methods in Natural Language Processing, Networks: Models and Applications, Analysis of Spatial Data and Images, Applied Development Economics.  
Degree awarded by Universitat Pompeu Fabra and Universitat Autònoma de Barcelona.

**Barcelona, Spain**  
09/2022– 08/2023

### Pontificia Universidad Católica del Perú

Master's degree in Economics. Merit-based scholarship.  
Thesis: *Time Evolution of External Shocks on Macroeconomic Fluctuations in Pacific Alliance Countries*, graded with an "Outstanding", published on the PUCP public repository.

**Lima, Peru**  
08/2018– 08/2021

### Universidad de Piura

Bachelor's degree in Economics. Top 3, 14.2/20.

**Piura, Peru**  
03/2012– 12/2016

## PROFESSIONAL EXPERIENCE

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### Fiscal Council of Peru

Macroeconomics Specialist

- Economic analysis of the international context and its effects on domestic fluctuations. Macroeconomic modelling, forecasting, and analysis of risk scenarios. Estimation of leading economic indicators, output gap and potential GDP.
  - Document drafting, presentations for senior management and participation in official documents of the Fiscal Council.
- Achievements: in the last 2 years I have published: 6 technical reports, 1 discussion note and 2 working papers.

**Lima, Peru**  
01/2018– 09/2022

### Lambda Group Peru

Professor – Applied Macroeconometrics

- Bayesian methods to estimate Unobservable Component Models and Vector Autoregressive Models.
  - Advanced MATLAB and R Workshops for time-series analysis.
- Achievements: more than 100 hours of effective classes.

**Lima, Peru**  
09/2020– 09/2022

### Central Reserve Bank of Peru

Internship - Advanced Economics Program

- The program included 12 subjects among which stand out: Methods of Macroeconomic Forecasting, International Macroeconomics, Financial Programming, Monetary Policy, and Applications.
- The courses were taught by PhD. Professors with international and local trajectory, with extensive experience and high qualifications.

**Lima, Peru**  
01/2016– 04/2016

## LANGUAGES & TECHNICAL SKILLS

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Language skills: Spanish (Native), English (Fluent).

Technical skills: Python, R, SQL, MATLAB, Stata, EViews, Latex; all at a professional level.

## ADDITIONAL INFORMATION

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- Incoming article at Economic Modelling (US): Time Evolution of External Shocks on Macroeconomic Fluctuations in Pacific Alliance Countries, jointly with PhD. Gabriel Rodríguez (U. of Montreal) and PhD. Paul Castillo B. (LSE).
- Development of a Sales Control System for an own company in the entertainment sector, using Microsoft VBA (2022).
- International Monetary Fund Courses: Monetary Policy Analysis and Forecasting (2021), Macroeconometric Forecasting (2019), Programming and Financial Policies (2019).
- Head of Logistics in SUMATE, a student society at Universidad de Piura that brings together students with an interest in starting or developing businesses or non-profit organizations.