

STEPHY RIEGA ESCALANTE

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🏠 Calle Julian Sandoval 165, Surquillo, Lima, Peru

EDUCATION

Pontifical Catholic University of Peru

March 2017 - Present

BA of Social Science in Economics

Top 4%

Graduate level courses: Social Policy Design and Evaluation, Advanced Econometrics: Cross-Sectional and Panel Econometrics, Fundamentals of Real Analysis (on course)

INTERESTS

Main: Applied Microeconometrics, Gender, Education

Secondary: Data Science and Labor Economics

RESEARCH EXPERIENCE

Innovations for Poverty Action (IPA)

Lima, Peru

Research Intern

Nov 2021-Present

- I am assisting in the implementation and impact evaluation of the project Empowering your mind as a family: Developing growth mindsets in households in El Salvador, an semi-experimental intervention carried out in partnership with BID, the Ministry of Education and the Bernard vanLeer Foundation.
- Supported in the literature review, manipulation and cleaning of data, construction and analysis of indicators, elaboration of a dashboard with Shiny and in the training of surveyors.

Group of Analysis for Development (GRADE)

Lima, Peru

Research Intern

Feb 2021-Jul 2021

- Assisted PhD. Martin Valdivia in the elaboration of estimations and graphs using an RCT dataset related to the impact evaluation of a labour formalization programme in Brazil. I made use of Stata and \LaTeX .
- Supported in literature review, elaboration of descriptive tables using Stata and data analysis for a consultancy related to corruption detection as non-pecuniary damage using Machine Learning methods.
- Supported in the construction of a data panel, analysis of the dataset (tables and graphs) and estimation of a panel event study on the fertility rate in Peru. Our main dataset was built from ENDES (1996-2020) and I made use of Stata.

HONORS AND AWARDS

1. Many scholarships awarded to course **different classes related to Econometrics and Machine Learning** given by **Laboratory of Artificial Intelligence and Computational Methods in Social Sciences (QLAB-PUCP), Peru, 2020.**

Advanced Econometrics: Impact Evaluation (2020), Machine Learning for Social Sciences (2020), Natural Language Processing (2021), Remote Sensing Image Processing using Quantum-GIS and Deep Learning (2021)

2. Scholarship awarded to course **Auto-Machine Learning Campboot** given by **Women in AI, Mexico, 2021.**

3. Outstanding student in the **top 4 %** of students enrolled in 2021-2 in **Economics at PUCP.** and Outstanding student in the **top 2 %** of the historic record of students enrolled in **Economics at PUCP.**

4. Outstanding member of the Research and Publications Area of **"Economica" in 2021-1.**

OTHER COURSEWORK & ACTIVITIES

Statistical Data Analysis with STATA

INFO - PUCP

completed July 2020

Advanced Applied Econometrics: Impact Evaluation

Machine Learning for Social Sciences

QLAB - PUCP

completed both by Feb 2020

Natural Language Processing

Remote Sensing Image Processing using Quantum-GIS and Deep Learning

QLAB - PUCP

completed both by Nov 2021

Intermediate Machine Learning with R

National Institute of Statistics and Information (INEI)

on course

TECHNOLOGY SKILLS

Programming Language:

Stata (Advanced), Python (Intermediate: pandas, scikit-learn), R (Intermediate), MATLAB (Intermediate), SQL (Basic), Quantum-GIS (Basic)

Editors and Others:

SurvetCTO (Intermediate), L^AT_EX (Intermediate), Git (Intermediate), Markdown (Basic)

PUBLICATIONS

La controversia de los COAR: una puerta para la discusión de la calidad del sistema educativo.

Web article - Economica

Feb, 2021

La crisis de la educación y la introducción de la pobreza del aprendizaje en el Perú.

Article for Bulletin - Economica

Feb, 2021

Las licencias obligatorias de las vacunas y sus posibilidades en la pandemia del Covid-19 en Perú.

Web article - Economica

Mar, 2021

Cuando migrar no es suficiente: Una comparación de la calidad del empleo de los migrantes y no migrantes en el Perú urbano en el 2019 y 2020.

Article for Bulletin - Economica

Nov, 2021

OTHERS

Languages:

Spanish (Native), English (Fluent, FCE)

SERVICE TO THE COMMUNITY

Research and Publications volunteer at Economica:

As a member, I have elaborated web articles and papers that are published in its website, as well as helped in the preparation of a round table discussion.

Agus, 2020 - Agus, 2021 -

Research assistant volunteer at City Makers Lab:

I am assisting in the elaboration and implementation of an impact evaluation of STEAM clubs for secondary students that seeks to reduce the gender gap in STEAM careers in the northern Peru.

Nov, 2021 - Present

CITIZENSHIP

Peruvian