

# STEPHY RIEGA ESCALANTE

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Calle Julian Sandoval 165, Surquillo, Lima, Peru

## EDUCATION

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**Pontificia Universidad Catolica del 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.

## INTERESTS

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Main: Applied Microeconometrics, Data Science, Education

Secondary: Labor Economics and Gender

## RESEARCH EXPERIENCE

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**Innovations for Poverty Action (IPA)**

Lima, Peru

*Research Intern*

*Nov 2021-Present*

**Group of Analysis for Development (GRADE)**

Lima, Peru

*Research Intern*

*Feb 2021-Jul 2021*

- Assited 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  $\text{\LaTeX}$ .
- 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

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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**.

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

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

## OTHER COURSEWORK & ACTIVITIES

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<i>Statistical Data Analysis with STATA</i> INFO - PUCP	<i>completed July 2020</i>
<i>Advanced Applied Econometrics: Impact Evaluation</i> QLAB - PUCP	<i>completed Oct 2020</i>
<i>Machine Learning for Social Sciences</i> QLAB - PUCP	<i>completed Feb 2020</i>
<i>Natural Language Processing</i> QLAB - PUCP	<i>completed Nov 2021</i>
<i>Remote Sensing Image Processing using Quantum-GIS and Deep Learning</i> QLAB - PUCP	<i>completed Nov 2021</i>

## TECHNOLOGY SKILLS

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### Programming Language:

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

### Editors and Others:

L<sup>A</sup>T<sub>E</sub>X(Intermediate), Git (Intermediate), Markdown (Basic)

## PUBLICATIONS

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<i>La controversia de los COAR: una puerta para la discusión de la calidad del sistema educativo.</i> Web article - Economica	<i>Feb, 2021</i>
<i>La crisis de la educación y la introducción de la pobreza del aprendizaje en el Perú.</i> Article for Bulletin - Economica	<i>Feb, 2021</i>
<i>Las licencias obligatorias de las vacunas y sus posibilidades en la pandemia del Covid-19 en Perú.</i> Web article - Economica	<i>Mar, 2021</i>

## OTHERS

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### Languages:

Spanish (Native), English (Fluent, FCE)

### Service to the community:

Research and Publications volunteer at Economica: As a member, I have elaborated web articules and papers that are published in its website, as well as helped in the prepaton of a round table discussion.

## VOLUNTEERING

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### Research and Publications volunteer at Economica:

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

*Agus, 2020 - Agus, 2021 -*

### Research assistant volunteer at City Makers:

I am assisting PhD. Candidate Fabiola M. Alba Vivar in a proyect related the impact of STEM education and gender.

*Nov, 2021 - Present*

## CITIZENSHIP

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Peruvian