

## EDUCATION

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<b>University of Essex</b> <i>Master of Science in Applied Economics and Data Analysis, with Distinction. GPA 3.97</i>	Sep 2019 – Oct 2020 Colchester, United Kingdom
<b>Pontifical Catholic University of Peru (PUCP)</b> <i>Bachelor's and Licentiate's degree in Economics. Historical top 10% GPA. GPA 3.91</i>	Aug 2010 – Dec 2015 Lima, Peru
<b>Graduate School of PUCP</b> <i>Coursework: Advanced Microeconomics, Advanced Econometrics: Cross Section and Panel Data, Design and Evaluation of Social Policies. GPA 3.67</i>	Mar 2014 – Jul 2015 Lima, Peru
<b>Massachusetts Institute of Technology (MIT)</b> <i>Impact Evaluation of Social Programs</i>	Sep 2017 Online certificate

## PROFESSIONAL EXPERIENCE

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<b>Consultant</b> <i>World Bank Group (WBG)</i>	Mar 2022 – present Washington, DC, United States
<ul style="list-style-type: none"><li>Monitored and ensured the quality of lending operations and analytical reports within the Equitable Growth, Finance and Institutions in Latin America and the Caribbean (EFI LAC). This unit covers macroeconomics, poverty, finance and governance issues.</li><li>Led and supervised a trust fund for research that supported the integration of climate actions into policies.</li><li>Conducted research activities, including quantitative analysis, reports drafting, and data visualization.</li></ul>	
<b>Consultant</b> <i>Inter-American Development Bank (IDB)</i>	Aug 2021 – Feb 2022 Lima, Peru
<ul style="list-style-type: none"><li>Developed rigorous methodological notes and research designs to study the effect of active labor market policies.</li><li>Conducted quasi experimental studies on training programs and automation technology adoption on labor market outcomes using large employer-employee data.</li></ul>	
<b>Consultant</b> <i>Ministry of Labor of Peru</i>	Nov 2020 – Jul 2021 Lima, Peru
<ul style="list-style-type: none"><li>Streamlined the Peruvian labor administrative data flow process, and improved the quality of payroll data.</li><li>Coordinated the design of labor market policies, including the successful implementation of the labor market information system.</li><li>Reviewed and proposed valuable improvements to labor surveys.</li><li>Conducted research activities using labor market and skills data.</li></ul>	
<b>Research Assistant</b> <i>Inter-American Development Bank (IDB)</i>	Jul 2017 – Sep 2019 Lima, Peru
<ul style="list-style-type: none"><li>Engaged in a nationwide employer survey that involved managing interviewer training, monitoring fieldwork, ensuring data cleanliness, and effectively coordinating with local authorities.</li><li>Formulated compelling research proposals, conducted econometric analysis, and provided meticulous responses to peer reviewers for academic papers in the fields of labor and education economics.</li><li>Organized meetings, created presentations and deliver research findings to relevant policymakers to build capacity and strengthen data-driven public policies.</li></ul>	
<b>Policy Analyst</b> <i>Ministry of Education of Peru</i>	Mar 2017 – Jul 2017 Lima, Peru
<ul style="list-style-type: none"><li>Systematized and processed census and administrative data of students, teachers and educational institutions.</li><li>Analyzed and proposed guidelines and technical standards for higher education policies.</li><li>Coordinated qualitative fieldwork.</li></ul>	
<b>Economic Analyst</b> <i>Ministry of Production of Peru</i>	Sep 2015 – Dec 2016 Lima, Peru
<ul style="list-style-type: none"><li>Systematized and processed surveys, census, and administrative data at a household, firm and country level.</li></ul>	

- Performed quantitative analysis of sector budget allocations, legislative proposals, and private sector development policies at the national and regional levels.
- Wrote research papers, policy briefs, methodological notes, and books about productivity, innovation, informality and firm growth.
- Prepared impactful presentations and effectively delivered research findings.
- Designed questionnaires, indicators, manuals; provided training to interviewers for a national enterprise survey.
- Managed a computable general equilibrium model and social accounting matrix to assess the impact of productive development policies (e.g. tax incentives and technology-transfer instruments) on employment, welfare, GDP, etc.

## Research Assistant

Jun 2014 – Feb 2015

*Pontifical Catholic University of Peru (PUCP)*

*Lima, Peru*

- Analyzed job vacancy data from Peruvian firms using a large administrative dataset.
- Wrote reports on the future job demand for different economic sectors and university degrees.

## TEACHING EXPERIENCE

*Lecturer at the Department of Economics, PUCP*

*Lima, Peru*

General Economics (undergraduate level)

Mar 2021 – Dec 2021

Supervision of three theses (undergraduate level)

Aug 2021 – Jun 2022

Intermediate Microeconomics (graduate level)

Mar 2022 – Jun 2022

## PUBLICATIONS AND WORK IN PROGRESS

Alvarado, A. and Toledo, K. (2023). Tackling BEPS in the Global South: Evidence from Peru's Tax Reform.

*Economic Systems*. <https://doi.org/10.1016/j.ecosys.2023.101122>.

Alvarado, A., Novella, R., and Rosas, D. (2023). Are we nearly there yet? New technology adoption and labor demand in Peru. *Science and Public Policy*, 50(4), 565–578 <https://doi.org/10.1093/scipol/scad007>.

Alvarado, A. (2022). *Labor inspection reform impact on informality*. Consorcio de Investigación Económica y Social (CIES). <https://econpapers.repec.org/article/bbjnvci/731.htm>.

Alvarado, A. (2021). Social skills, technological exposure and wages. Work in progress.

Alvarado, A., Conde, B., Novella, R., and Repetto, A. (2020). NEETs in Latin America and the Caribbean: Skills, Aspirations, and Information. *Journal of International Development*, 32(8), 1273-1307 <https://doi.org/10.1002/jid.3503>.

Alvarado, A., Novella, R., Rosas, D., and González-Velosa, C. (2019). *Encuesta de habilidades al trabajo (ENHAT) 2017-2018: Causas y consecuencias de la brecha de habilidades en Perú*. Washington, DC: BID. <http://dx.doi.org/10.18235/0001653>.

Alvarado, A. (2018). *Informality and Segmentation: Evidence from a self-selection model with entry barriers to formal employment in Peru*. [https://doi.org/10.48713/10336\\_18269](https://doi.org/10.48713/10336_18269).

## CONFERENCE PRESENTATIONS

XXXV Encuentro de Economistas del BCRP 2017 (BCRP, Perú)

The Economics of Informality Conference 2018 (Universidad del Rosario, Colombia)

3rd Conference of the Latin American Network on Economics of Innovation and Entrepreneurship 2019 (CADEP, ID, CINVE/Uruguay, IDB, Paraguay)

7th Shadow Conference: The Shadow Economy, Tax Behaviour and Institutions 2021 (Brunel University London, UK)

## COMPUTER SKILLS

- Stata, Python, R, MATLAB, L<sup>A</sup>T<sub>E</sub>X, EViews, GAMS/MPSGE, HTML, Git

## LANGUAGES

- Spanish (native), English (fluent)

## AWARDS AND HONORS

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- Winner of the Research Grant Competition of CIES 2021-II.
- Chevening Scholarship, fully funded by the UK Government for an MSc degree, 2019/2020.
- Ranked at the top 10% of all students who have ever graduated at the PUCP's Economics Department.
- 1st place in the III Research Monographs Competition in Economics of PUCP, 2014.
- 1st place in the VII National Competition of Adventist Schools in Mathematics, 2005.

## EXTRACURRICULAR ACTIVITIES

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- Co founder and Director at Económica (<https://economica.pe>) during 2014.
- Coordinator of the VII Colloquium of Economics Students of PUCP, 2014.

*Last updated: October, 2023*