Alfredo Alvarado Enciso

https://alfredoalvaradoenciso.github.io

Email : alvarado.a@pucp.pe

EDUCATION

University of Essex
Sep 2019 – Oct 2020

Master of Science in Applied Economics and Data Analysis, with Distinction. GPA 3.97   *Colchester, United Kingdom*
Thesis title: Social skills, technological exposure and wages

Pontifical Catholic University of Peru (PUCP)
Aug 2010 – Dec 2015

Bachelor's and Licentiate's degree in Economics. Historical top 10% GPA. GPA 3.91   *Lima, Peru*
Thesis title: Informal employment and multisegmented labor markets in Peru

Graduate School of PUCP
Mar 2014 – Jul 2015

Coursework: Advanced Microeconomics, Advanced Econometrics: Cross Section and   *Lima, Peru*
Panel Data, Design and Evaluation of Social Policies. GPA 3.67

Massachusetts Institute of Technology (MIT)
Sep 2017

Impact Evaluation of Social Programs   *Online certificate*

PROFESSIONAL EXPERIENCE

Consultant
Mar 2022 – present

World Bank Group (WBG)   *Washington, DC, United States*

- Monitored and ensured the quality of lending operations and analytical reports within the Equitable Growth, Finance and Institutions (EFI) in Latin America and the Caribbean (LAC) front office.
- Developed the strategic approach for EFI LAC, outlined the economic and social challenges in the region, and proposed priority actions for the reform agenda.
- Took a leadership role in the Whole-of-Economy Climate Support Facility Trust Fund in LAC, overseeing, and coordinating its deliverables.
- Helped expand the government, private and civil society networks that are critically relevant for the ongoing and prospective portfolio of EFI LAC, especially in enhancing tax systems and reducing poverty and inequality.
- Supported research activities, performed regression analysis, drafted reports, and created innovative charts.

Consultant
Aug 2021 – Feb 2022

Inter-American Development Bank (IDB)   *Lima, Peru*

- Developed rigorous methodological notes and research designs to study the effect of a public employment intervention on employability outcomes.
- Conducted quasi-experimental research on the impact of a public subsidy for firms on labor demand during COVID-19.
- Extended the analysis of a training program and automation technology on labor market outcomes in Peru using large employer-employee data.

Consultant
Nov 2020 – Jul 2021

Ministry of Labor of Peru   *Lima, Peru*

- Authored an insightful report on the wage returns to digital skills using PIAAC dataset.
- Coordinated the successful implementation of the labor market information system in Peru in collaboration with the International Labour Organization.
- Streamlined the Peruvian labor administrative data flow process, evaluated the quality of payroll data, and developed the official labor market indicators for Peru.
- Coordinated the redesign of labor intermediation services, supervised the formulation of a new national job board, and assessed their suitability for research purposes.
- Reviewed and proposed valuable improvements to the questionnaire, sample design, and fieldwork protocols of an occupational demand survey and a national labor force survey. Managed to include questions on the job automation effects and skills.

Research Assistant
Jul 2017 – Sep 2019

Inter-American Development Bank (IDB)   *Lima, Peru*

- Engaged in a comprehensive review of the questionnaire design, indicators, manuals of an employer skills survey.
- Led the interviewer training, closely monitored fieldwork progress, and effectively coordinated with local authorities to ensure the proper execution of the survey.

- Ensured data cleanliness, detected errors and inconsistencies of the survey's results, and proposed improvements.
- Formulated compelling research proposals through analyzing surveys and large administrative data at a firm and worker level.
- Performed econometric analysis and robustness checks in papers about cognitive and socioemotional skills, aspirations and expectations, technology adoption, and labor demand.
- Contributed to media-impactful books about youth decision between work and study, human capital and productivity in several countries.
- Conducted a systematic review of the cost-effective policies that affect youth educational and labor outcomes.
- Provided meticulous responses to peer reviewers for academic papers related to parental gender preferences and human capital investment in children, and job retirement and cognitive abilities for the older adults.
- Organized meetings, created presentations and helped deliver research findings to relevant policymakers to build capacity and strengthen data-driven public policies.

Economic Analyst   Sep 2015 – Dec 2016
Ministry of Production of Peru   *Lima, Peru*

- Systematized and processed surveys, census, and administrative data at a household, firm and country level.
- Performed quantitative analysis of sector budget allocations, legislative proposals, and private sector development policies at the national and regional levels.
- Helped write research papers, policy briefs, methodological notes, and books about productivity, innovation, informality and firm growth.
- Supported the design of questionnaires, indicators, manuals, and interviewer training 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.
- Analyzed the potential demand, the cost and benefits, and the public procurement of industrial parks.
- Monitored and evaluated the State purchases from micro and small companies.
- Crafted a cutting-edge household demand system in order to calculate price and income elasticities.
- Prepared impactful presentations and effectively delivered research findings and summaries of government interventions.

Policy Analyst   Mar 2017 – Jul 2017
Ministry of Education of Peru   *Lima, Peru*

- Systematized and processed census and administrative data of students, teachers and educational institutions.
- Developed an algorithm that optimizes the public budget allocation given hours worked and capacity constraints for higher education institutions.
- Participated in writing the guidelines and technical standards of higher education policies.
- Coordinated qualitative fieldwork, met with school directors and collected their concerns.

Research Assistant   Jun 2014 – Feb 2015
Pontifical Catholic University of Peru (PUCP)   *Lima, Peru*

- Extracted and processed economic and financial data from Peru and similar countries.
- Analyzed job vacancy data offered by Peruvian firms.
- Wrote diverse economic sector reports and quarterly newsletters about professional labor demand.
- Supported market research on future job demand that aims to create new university courses.

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*, 2023. 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/bbjinvcie/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.

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, LaTeX, EViews, GAMS/MPSGE, HTML, Git

Languages

- Spanish (native), English (fluent)

Awards and honors

- 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

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

Last updated: July, 2023