

# FRANK ALESSANDRO HINOJOSA CASTRO

## EDUCATION

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<b>The Graduate Center-CUNY</b> <i>PhD in Economics</i>	New York, United States of America Expected 2029
<b>Pontifical Catholic University of Peru</b> <i>Master in Applied Mathematics</i>	Lima, Peru March 2021 – December 2023
<i>Relevant Courses (Grade): Numerical Linear Algebra (15/20), Introduction to Mathematical Economics (17/20), Concavity and Optimization (17/20)</i>	
<b>ESAN University</b> <i>Bachelor in Economics</i>	Lima, Peru January 2011 – December 2016

## FIELDS OF INTEREST

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*Development Economics, Labor Economics, Poverty, and Inequality*

## PUBLICATIONS

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<b>Independent research</b> University quality and labor market outcomes in Peru	Lima, Perú Working Paper - January 2024
<ul style="list-style-type: none"><li>This paper utilizes the licensing category, granted by the Ministry of Education of Peru, as a proxy for university quality.</li><li>The aim is to assess the impact of university quality on the labor market outcomes of a cohort of Peru graduates.</li><li>The goal is to assess whether graduating from a licensed university has a positive influence on securing a good job.</li><li>The quality of the job is assessed based on: the average salary of the worker and the availability of legal benefits.</li></ul>	
<b>ESAN University</b> <i>Thesis: Returns to Education: An analysis by economic sectors</i>	Lima, Peru March 2022
<ul style="list-style-type: none"><li>Conducted for the 'Licenciado' degree, requiring an in-depth research project and a mandatory three-year professional tenure beyond the bachelor's level. Presented to a panel of three professors and approved with honors.</li><li>The research estimates the valuation of educational levels of workers in high, medium, and low productivity sectors in Peru. It seeks to highlight the most valued education levels in each sector, guiding policies to produce workers in high-demand and higher-paying sectors. (<a href="#">Link</a>)</li></ul>	

## SCHOLARSHIPS/AWARDS

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<b>ESAN University</b> Qualification of "notable" in the preparation of the undergraduate thesis	Lima, Peru March 2022
<i>Achieved a noteworthy grade of 17/20, acknowledged for adeptly managing national survey data, applying econometric methods, and making substantial contributions to research in labor and education economics in Peru.</i>	
<b>Central Reserve Bank of Peru</b> <i>Advanced Economics Extension Course</i>	Lima, Peru January 2019 – March 2019
<i>Scholarship recipient to study in the prestigious extension course offered by the Central Reserve Bank of Peru, providing instruction in advanced economics topics by professors from renowned universities in the United States.</i>	

## PROFESSIONAL EXPERIENCE

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<b>National Institute of Statistics and Informatics</b> <i>Social Economic Analyst</i>	Lima, Peru January 2023 – Present
<i>Employed at Peru's national statistics agency within the department responsible for computing national employment statistics.</i>	
<ul style="list-style-type: none"><li>Exploration, handling, and exploitation of the Household National Survey database from 2015 to 2022.</li><li>Construction of relevant indicators to monitor the evolution of employment levels in the economy.</li><li>Cleaning, identifying, and eliminating atypical data. Transforming, recoding, and establishing new variables.</li><li>Calculation of summary statistics, distribution graphs, and summary tables for variables such as hours worked, labor income, informality rate, among others.</li></ul>	

- Preparation of the report and presentation of employment indicators for the Peruvian economy.

*Social Economic Professional – V Economic Census*

July 2022 – December 2022

*Worked on improving the measurement of production and informal work for the "V National Economic Census."*

- Exploitation of the Household Survey 2021. Review documents, including Manuals, and Methodology and Technical Notes.
- Proposed 15 additional questions to be included in the Economic Census to estimate the informal economy.

### **Pontifical Catholic University of Peru**

Lima, Peru

*Research Assistant to Professor Efraín Gonzales de Olarte*

January 2022 – June 2022

*Worked on the research project "Productivity, Inequality, and Informal Labor"*

- Support in the measurement of informality in Peru. Review of relevant literature for measuring informality in Peru.
- Identification of various approaches for measuring informality, analyzing similarities and differences between academic and public sector approaches.
- Construction of profiles for informal producers and workers in Peru, their participation in economic sectors, and relevance in the labor market. Calculation of summary statistics, graphs, and frequency tables.

### **Ministry of Education**

Lima, Peru

*Research Assistant*

January 2021 – December 2021

*Worked in the statistics area analyzing information on infrastructure, course availability, and teachers.*

- Exploitation of education sector databases, including censuses, surveys, educational programs, and teacher records.
- Prepared reports on the quality of university-level educational infrastructure, covering classrooms, desks, restrooms, sports facilities, and overall quality.
- Analysis of teacher quantity, level of training, academic workload, hours worked, and salaries.
- Analysis of courses offered in each educational institution, attendance levels, and student satisfaction.

### **Arellano Market Research**

Lima, Peru

*Data Science Analyst*

April 2019 – December 2020

*I worked for the leading market research company in the country, focusing on statistical analysis for various projects.*

- Analysis of consumer survey databases on brand and product preferences.
- Design and creation of surveys to gather consumer information.
- Development of information extraction tools using Webscraping techniques, enabling access to new databases.

### **Institute of Regulation and Finance - ESAN University**

Lima, Peru

*Economic Studies Analyst*

October 2017 – December 2018

*I worked for the research institute of ESAN University.*

- Drafting reports and publications on economic topics. Calculation of indicators for the construction and mining sectors.

### **CENTRUM - Pontifical Catholic University of Peru**

Lima, Peru

*Research Intern*

October 2016 – October 2017

*I worked for the research institute of the university, supporting the writing of texts and publications in the university's journal.*

- Support in drafting textbooks for economics courses within MBA programs.
- Assistance in conducting economic research, including report writing and preparation of presentations.

## **ADDITIONAL INFORMATION**

- Languages: English (Advanced), German (Basic). Technical Skills: STATA, R, SPSS. Webscraping. Survey database management.
- Passions/Interests: Engaging in calisthenics exercises and swimming three times a week.