Ignacio Leon Nina

14 rue Pirandello, Paris 175013

📱 +33 7 81 76 69 32 | ✉ ignacioleonnina@gmail.com | in linkedin.com/in/jose-ignacio-leon/

PhD candidate in Economics at Paris 1 Panthéon-Sorbonne with a focus on informal employment and social tension. Master's in Applied Economics with a specialization in Economics and Public Policy. Experienced Teaching Assistant and Event Organizer. Skilled in Data Analysis, Econometrics, and Policy Analysis. Strong communication, teamwork, and problem-solving skills.

Education

University Paris 1 Panthéon-Sorbonne
Paris, France

PhD in Economics — *Nov 2022 - Current*

- Thesis : Informal employment and social tension: a public policy analysis
- Under the supervision of Marc-Arthur Diaye and Carla Canelas
- Relevant courses and seminars : Economic Theory Seminar, Public Policies Seminar, Collective Choice Theory, Advanced Treatment Methods, Game Theory 2, Rationality and strategy in economics and politics, Information, Mechanism Design and Markets, Cooperative Game Theory, Topics in Matchings
- Data Analysis: Differences in Differences, Clustering, K-means, PCA, Structural Models

University Paris 1 Panthéon-Sorbonne
Paris, France

Master's degree – "Applied Economics"- Master 2 — *2021 - 2022*

- Relevant coursework: Economics of employment policies, Applied Econometrics
- Graduate with the best grade in the master's thesis (17/20)

ESCP BUSINESS SCHOOL
Paris, France

Master in Management - "Programme Grande Ecole" - Master 2 — *2019 - 2022*

- Specialization in Economics and Public Policy
- Core courses: Data Based Economics, Monetary Policy, International Macroeconomics

LYCÉE RENÉ CASSIN
Bayonne, France

CPGE ECE Preparatory classes - Specialization in Economics, Mathematics and Humanities — *2017 - 2019*

- Competitive and intensive preparation for entry into the best business schools in France

Work Experience

University Paris 1 Panthéon-Sorbonne
Paris, France

Teaching Assistant (TA) — *Jan 2023 - Current*

- 12 econometrics workshops for master's students: OLS, Logit and Probit Models, Propensity Score Matching and Panel Data in R
- Lecture course to master's students about Panel Data: Random and Fixed effect models
- 12 workshops about Economics of Social Protection to undergrad students
- **Technical Skills:** Data Analysis, Econometrics in R
- **Soft Skills:** Communication, Problem-solving, Presentation, Organizational, Leadership, Adaptability skills

American University of Paris (AUP)
Paris, France

Junior Lecturer — *Sep 2023 - Current*

- Conducted 4 classes of 36 hours each on Introduction to Macroeconomics.
- Taught 1 class of 36 hours on Introduction to Microeconomics.
- **Technical Skills:** Lecture Design, Multimedia Presentations, Assessment Methods
- **Soft Skills:** Communication, Interpersonal Skills, Adaptability, Patience, Empathy, Inclusivity

Society for the Advancement of Economic Theory - SAET
Paris, France

Academic and Administrative Support — *Jun 2021 - Current*

- Organization of the conference SAET 2023 in Paris. More than 600 participants
- Organization of the conferences Sorbonne Workshop in Economic Theory SWET 2022 and SWET 2023
- Assisted workshops in many topics such as Game theory, Decision Theory, General Equilibrium and Collective Choice
- **Technical Skills:** Event planning and organization, Project management, Administrative support and Knowledge of economic theory
- **Soft Skills:** Communication, Teamwork, Time management, Adaptability, Attention to detail

SOLIHA SOLIDAIRES POUR L'HABITAT - National Housing Council
Paris, France

Policy Officer — *May 2021 - Aug 2021*

- Collected and reviewed demographic, economic, social, and housing statistics of the overseas departments and regions (DROM) using Excel and Python
- Analysed the housing policies implemented in the DROMs in order to redact a literature review
- Formulated public policy recommendations to improve their efficiency
- **Technical Skills:** Data analysis, Research, Policy analysis, Report writing skills and Knowledge of housing policies and regulations
- **Soft Skills:** Analytical, Research, Adaptability and Time management skills

Projects

Funding Public Education and Ethnic Fragmentation: Cooperation or Discrimination in a segmented labour market? The Ecuadorian Case.

Paris, France

Université in Paris 1 Panthéon-Sorbonne

May 2023 - Present

- Investigated the impact of informal employment on public goods provision and social tension in Ecuador, utilizing Enemdu survey data.
- Utilized a model of cooperative game theory to analyze the formation of education inequalities and a matching model to identify its relationship with the labor market.
- Estimated a 2SLS model to address endogeneity concerns and used Oaxaca-Blinder decomposition to distinguish between observed characteristics and returns to those characteristics.
- Identified a positive association between informal employment and horizontal inequalities in education, particularly among indigenous populations.
- **Technical Skills:** Data analysis, statistical modeling, cooperative game theory, 2SLS modeling, Oaxaca-Blinder decomposition.
- **Soft Skills:** Critical thinking, problem-solving, communication, and research methodology.

Congestion in a Higher Education Reform in Ecuador: Transitioning from a Decentralized to a Centralized Application Processes

Paris, France

Université in Paris 1 Panthéon-Sorbonne

Nov 2022 - Present

- Evaluated the effects of the entry exam to the public universities implemented by the Senescyt in Ecuador.
- Studied the ENEMDU a cross-sectional survey representative of the Ecuadorian population.
- Gathered data in Ecuador with the support of the **EUR PgSE Research Fund**, specifically concentrating our efforts on the city of Riobamba. Employing surveys administered by trained personnel, we will systematically collect information pertaining to enrollment rates in both public and private universities, prevailing employment conditions, distinctive migration patterns, individual well-being assessments, and comprehensive university completion records
- Used Differences in Differences, k-mean matching and Principal Component Analysis (PCA models).
- **Technical Skills:** data analysis, statistical modeling, data cleaning, data visualization, and working with large datasets.
- **Soft Skills:** problem-solving, critical thinking, communication, and teamwork.

Time, Uncertainties and Strategies VIII

Paris, France

Université Paris 1 Panthéon-Sorbonne - PSE - CNRS

Dec 2022

- Organised the conference TUS VIII
- Created the conference website
- Aim to bring together scholars who have recently developed axiomatic frameworks for alternative approaches to decision-making under time and uncertainty, as well as stochastic choice and strategic uncertainty
- **Technical Skills:** Website development and design, Event planning and coordination, Knowledge of axiomatic frameworks for decision-making under time and uncertainty.
- **Soft Skills:** Project management and organization, Communication and networking.

Migration and Migration Policy in Ecuador in 2000 - 2021

Quito, Ecuador

United Nations Development Program

May 2022 - Aug 2022

- Collaborated with sociologist Gioconda Herrera, utilizing descriptive statistics from the cross-sectional Ecuadorian Survey ENEMDU and the Statistical Registry of International Entries and Exits dataset
- The paper describes the migration dynamics observed in Ecuador over the last 20 years and the migration policy implemented in this period.
- **Technical Skills:** Knowledge in migration dynamics and migration policy
- **Soft Skills:** Research skills, Critical Thinking, Adaptability

Master's Thesis: Informal employment: income source or income segmentation? The mechanisms affecting inequalities in Ecuador

Paris, France

Université Paris 1 Panthéon-Sorbonne

Sep 2021 - May 2022

- Conducted an in-depth analysis of the mechanisms explaining the effect of informal employment on income inequality in the Ecuadorian economy.
- Utilized both quantitative and qualitative data analysis methods, including an unconditional quantile regression and Oaxaca-Blinder decomposition, to measure and understand the impact of informal employment on income inequality.
- Contributed original research to the literature on labor economics, offering new insights into the impact of informal employment on unemployment, education, monetary redistribution, and income segmentation in the Ecuadorian context.
- **Technical Skills:** Knowledge and expertise in econometric analysis, Familiarity conducting literature reviews.
- **Soft Skills:** Critical thinking and problem-solving, Strong written and oral communication skills.

Welfare and Crisis in Latin America - Bienestar y crisis en América Latina.

Madrid, Spain

Development bank of Latin America (CAF) and the Central Bank of Spain

Jun 2020 - Aug 2020

- Won the prize for the best essay in Spain
- Wrote an essay about the economic crises in South America due to the covid pandemic
- **Technical Skills:** Research, Writing and Analytical skills
- **Soft Skills:** Creativity, Critical Thinking, Adaptability

Skills

Programming	Python (Pandas, PyTorch, NumPy, Scikit-learn. etc.), R (dplyr, tidyr, caret, AER, ggplot2), Excel (VBA), Stata (regress, logistic)
Languages	**Spanish**: Native - C2 ; **English**: Fluent – C2 ; **French**: Fluent – C2
Soft Skills	Communication, Teamwork, Project Management, and Adaptability
Conferences	RGS Doctoral Conference (2024), Journées de la Microénonomie Appliquée JMA (2024), International Conference on Development Economics ICDE (2024)

Interests

Cooking	I love cooking. I was in the ESCP culinary association.
Football	I participated in the National tournament in Ecuador when I was 16 years old
Climbing	I have always enjoyed climbing in nature. I lived my childhood in Quito, a city surrounded by mountains. In France I enjoyed climbing in the Alpes and the Pyrénées
Photography	I benefited from the magnificent landscapes of the mountains to learn how to take good photos.

References available upon request.