

My experience is linked to scientific research in the fields of industrial organization, education, and urban economics. Projects I have been involved in include information interventions and matching algorithm designs in the context of education in different countries. I am currently employed as a Tobin pre-doctoral research fellow at Yale University, and I desire to pursue a doctoral program in economics. My current research interests revolve around the use and misuse of technology in the fields of IO, urban economics, and the economics of education.

| | | |
|---------------------|---|--|
| CONTACT INFORMATION | Address: 208 Canner St, New Haven, CT, 06511 Cellphone: (+1) 203 823 5832 LinkedIn: dirección web Email: masielfeld@gmail.com | |
| RESEARCH INTERESTS | Fields: Economics of Education, Urban Economics, Industrial Organization Topics: Digitalization, Information Asymmetry, Market Frictions, Matching Markets | |
| ACTUAL POSITION | Tobin Pre-Doctoral Fellow at Yale University – New Haven, USA <ul style="list-style-type: none"> Currently working for Professor Christopher Neilson on projects in Los Angeles (US) and Copenhagen (Denmark). In LA, I replicated the school assignment algorithm and simulated risk probabilities to help parents increase their assignment chances. In Denmark, I was involved in replicating the pre-school and primary assignment processes. | Aug. 2024 to date |
| LECTURES | Universidad Adolfo Ibáñez <ul style="list-style-type: none"> Data Science for Economics and Business, Business School | Sem. II 2021 |
| EDUCATION | Universidad Adolfo Ibáñez <ul style="list-style-type: none"> MSc in economics, Business School (1st of 10) BSc in economic sciences, Business School (17th of 58) Minor in political science, Business School | 2020 to 2021 2018 to 2019 2016 to 2019 |
| PREVIOUS POSITIONS | Research Associate, ConsiliumBots – Santiago, Chile <ul style="list-style-type: none"> Worked for Professor Christopher Neilson on RCT projects related to the Chilean school admission system to measure parents' information conditions when applying to schools. Also involved as RA evaluating a government program that aims to train people in using digital tools. My duties mainly involved collecting, documenting, manipulating, and analyzing data for research projects. | Jul. 2023 – Aug. 2024 |
| | Research Associate, J-PAL LAC – Santiago, Chile <ul style="list-style-type: none"> Worked for Professor Christopher Neilson on an intervention in the Dominican Republic, which studied parents' beliefs when enrolling their children in primary education. My duties mainly involved survey design, data processing, and analysis for the national school admission system interventions. | Feb. 2023 – Jun. 2023 |
| | Research Assistant, Centro de Economía y Política Regional (CEPR), Universidad Adolfo Ibáñez – Santiago, Chile <ul style="list-style-type: none"> Worked for Professor Esteban López on projects related to the labor market and regional analysis. My role revolved around data cleaning and analysis in a monthly newsletter about the regional characterization of the labor market. | Jan. 2020 to Mar. 2022 |
| RESEARCH | Master's thesis <ul style="list-style-type: none"> Consequences of the spatial heterogeneity of the school supply and lack of information in a school choice system Grade: 7.0 / 7.0 Advisor: Esteban López Ochoa | 2021 |

RESEARCH ASSISTANCE

Universidad Adolfo Ibáñez, Master courses

- Spatial Analytics, with Ignacio Aravena Quar. II 2021
- Spatial Analytics, with Esteban López Quar. II 2020

Universidad Adolfo Ibáñez, Undergraduate courses

- Data Science for Economics and Business, with Lynn Richards Sem. I 2021
- Microeconomics I, with Florencia Borrescio-Higa Sem. II 2017 - Sem. II 2020
- Microeconomics II, with Diego Avanzini Sem. II 2019
- Introduction to Economics, with Diego Avanzini Sem. I 2019
- Industrial Organization, with Diego Avanzini Sem. I 2018

ADDITIONAL INFORMATION

Relevant guidebooks used in my master's program

- Microeconomics I:
 - Mas-Colell, Andreu & Whinston, Michael D. & Green, Jerry R., 1995. "Microeconomic Theory". OUP Catalogue, Oxford University Press.
- Macroeconomics I:
 - Michael Wickens, 2012. "Macroeconomic Theory: A Dynamic General Equilibrium Approach Second Edition". Economics Books, Princeton University Press.
 - Jordi Galí, 2015. "Monetary Policy, Inflation, and the Business Cycle: An Introduction to the New Keynesian Framework and Its Applications Second edition". Economics Books, Princeton University Press.
- Time Series:
 - Hamilton, J. D. (2020). "Time series analysis" Economics Books, Princeton University Press.
 - Box, G.E.P., Jenkins, G.M. and Reinsel, G.C. (1994). "Time Series Analysis; Forecasting and Control. 3rd Edition". Prentice Hall, Englewood Cliff, New Jersey.
- Microeconomics II:
 - Krishna, V. (2009). "Auction theory". Academic press.
 - Tadelis, S. (2013). "Game theory: an introduction". Princeton University Press.
- Macroeconomics II:
 - Aghion, P., & Howitt, P. W. (2008). "The economics of growth". MIT Press.
 - Robert J. Barro & Xavier Sala-i-Martin, 2003. "Economic Growth, 2nd Edition". MIT Press Books, The MIT Press.
- Microeconometrics I:
 - Wooldridge, J. M. (2010). "Econometric analysis of cross section and panel data". MIT Press.
 - Angrist, J. D., & Pischke, J. S. (2009). "Mostly harmless econometrics: An empiricist's companion". Princeton University Press.

Skills

- Programming: R (*advanced*), Matlab (*basic*), Python (*basic*).
- Survey design: Qualtrics (*medium*).
- Languages: German (*B1 certification*), English (*TOEFL: 104*), Spanish (*native*).