

# Gonzalo González Melo

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## Education

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| <b>Pontificia Universidad Católica de Chile</b><br>M.A. in Applied Economics<br>Thesis: "Inequality Analysis in Chile Based on Big Data" | Santiago, Chile<br>2021 – 2022 |
| <b>Pontificia Universidad Católica de Chile</b><br>B.A. in Business Engineering - Economics Major  | Santiago, Chile<br>2018 – 2021 |

## Research Fields

Development Economics, Political Economy, Cultural Economics, Economics of Education and Machine Learning.

## Professional Experience

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| <b>Quiroz &amp; Asociados</b><br><i>Economic Analyst - Consultant</i>   | Santiago, Chile<br>Dec 2023 – Present  |
| <b>Research Assistant</b><br><i>Professor Miriam Artiles</i>  | Santiago, Chile<br>Jul 2022 – Present  |
| <b>School of Business and Economics, Universidad de los Andes</b><br><i>Instructor and Research Assistant</i> | Santiago, Chile<br>Jul 2022 – Dec 2023 |
| <b>Fundación Luksic</b><br><i>Data Analyst</i>  | Santiago, Chile<br>Jul 2021 – Jul 2022 |
| <b>Central Bank of Chile</b><br><i>Intern</i>   | Santiago, Chile<br>Dec 2020 – Mar 2021 |

## Teaching

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| <b>Universidad de los Andes</b> <ul style="list-style-type: none"><li>• Courses: Principles of Economics and Statistics.</li></ul>  | Jun 2022 – Dec 2023 |
| <b>Pontificia Universidad Católica de Chile</b> — Teaching Assistant <ul style="list-style-type: none"><li>• Courses: Labor Market (Participation and Equity), Monetary Macroeconomics, Economic Analysis and Chilean Experience, Principles of Microeconomics, Accounting and Fundamentals of Finance.</li></ul> | Mar 2018 – Dec 2022 |

## Working Papers

- **Molded Culture: Ceramics and Cultural Change in Pre-Colonial Peru**, with Miriam Artiles and Mateo Uribe-Castro

## Technical Skills

- **Programming Languages:** Python, R, Stata, Matlab, SQL.
- **Big Data & Machine Learning:** Spark, Python (scikit-learn, numpy, pandas, matplotlib, seaborn).
- **Data Science & Technologies:** A/B testing, data science pipeline (cleaning, manipulation, visualization, modeling, interpretation), statistics, time series, LLM models, RAG models, experimental design, hypothesis testing, Excel, Git, Bloomberg.

## References

Miriam Artiles  
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