# TITO BRUNI

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## EDUCATION

**M.A in Economics**, PUC-Rio — Jan 2024 - present
Elective Courses: *Econometrics II, Industrial Organization I and II*

**B.A in Economics**, PUC-Rio — Mar 2019 - Jun 2023
Elective Courses: *Introduction to Real Analysis, Real Analysis (IMPA),
Statistical Inference (MSc. Electrical Engineering), Machine Learning,
Ordinary Differential Equations, Stochastic Processes, DSGE models*

**Exchange Student**, University College London — Jan 2022 - Jul 2022
Elective Courses: *Network Science for Economists*

## SKILLS

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|---|---|
| **R** | Data management, analysis and visualization; econometric analysis; package development |
| **LaTeX, Github** | Writing papers/presentations; collaborating in projects |
| **Python, SQL, Stata, HTML** | Basic knowledge |

## EXPERIENCE

**Research Assistant** — Jun 2025 - present
SEFAZ, London School of Economics, Columbia - Joana Naritomi and Michael Best

**Graduate T.A** — Mar 2025 - Jul 2025
Econometrics I - Course teacher: Nathalie Gimenes

**Research Assistant** — Aug 2021 - Mar 2023
Data Zoom: Development of R and Stata packages to download and clean Brazilian data

**Undergraduate T.A** — Mar 2019 - Dec 2019
National Accounts - Course teacher: Wasmália Bivar

## PROJECTS

**ComprasNet Auctions.** My Master's thesis studies some of the economic consequences of the auction mechanism used by the Brazilian government to purchase goods. The advisors are Lucas Lima and Nathalie Gimenes.

**Deciding between SUS and Private Healthcare.** My summer paper studies the binary decision between public and private healthcare, using data from Pesquisa Nacional de Saúde, Cadastro Nacional de Estabelecimentos de Saúde, Agência Nacional de Saúde and Sistema de Informações sobre Orçamentos Públicos em Saúde.

**Forecasting yearly inflation with accumulated regressors.** In my undergraduate thesis, I investigate how transformations in covariates impact Machine Learning forecasts of Brazilian yearly inflation.

## GRANTS AND AWARDS

**CNPQ Grant.** Financial aid for Masters' students of PUC-Rio — Mar 2024 - present

**CAPES Grant.** Member of Programa de Educação Tutorial (PET). Monographs in economic history (M. Abreu), macroeconomics (C. Carvalho) and economic theory (T. Hiller) — Jul 2019 - Jun 2023

**Bolsa Prêmio.** Grant for 2nd highest undergraduate GPA in the Economics Department — Jul 2020 - Jun 2021

## LANGUAGES

**Portuguese** (native), **English** (fluent), **French** (intermediate)