

RAPHAEL DOS SANTOS

✉ rdsantos.eco@gmail.com | 📞 (480) 868-5593 | 🌐 rdsantoss

EDUCATION

Arizona State University (ASU),
Tempe, AZ - USA

Ph.D. in Economics, August 2018 - May 2024 (Expected)
Primary Fields: Applied Econometrics, Policy Evaluation, Causal Inference

M.S. in Economics, December 2022

Getulio Vargas Foundation (EPGE/FGV),
Rio de Janeiro, RJ - Brazil

M.A. in Economics, March 2017
Full Scholarship (merit based)

Universidade Federal Fluminense (UFF),
Niterói, RJ - Brazil

B.A. in Economics, December 2014

PROFESSIONAL EXPERIENCE

Inter-American Development Bank - Washington, D.C., USA

Graduate Summer Consultant - Data Analyst Jun/2023 - Aug/2023

- Performed data analysis combining different sources such as surveys, census, learning assessments, and macroeconomic variables for multiple countries
- Constructed indicators related to coverage, efficiency, learning quality, physical resources, and financial resources in Latin America
- Produced briefs to showcase quantitative work, summarize relevant patterns and provide data-driven recommendations for enhancing educational and financial indicators in the LAC region

Rio de Janeiro City Hall - Rio de Janeiro, RJ, Brazil

Economic Advisor - Impact Assessment Coordinator Jan/2021 - Aug/2022

- Coordinated an interdisciplinary team to provide technical advice on economic development to policymakers
- Conducted empirical impact assessment studies using public and private data combined with econometric models to support policy recommendations
- Compiled the findings in technical reports and presented final results to C-level audience
- Main Projects
 - Assessed the economic impact of city airports' concession
 - Designed a targeted credit program that supported over 5,000 small businesses during the pandemic
 - Implemented a policy that provided programming courses to more than 2,000 disadvantaged youth
 - Analyzed housing industry and evaluated the city's tax incentives policy

- Developed a comprehensive guide to performing impact evaluation analysis

Getulio Vargas Foundation - Rio de Janeiro, RJ, Brazil

Research Assistant

Jun/2017 - Jun/2018

- Built a spatial database with deforestation, crop yield potentials, and transport costs in the Amazon Forest area
- Estimated a spatial structural model for land-use decisions to measure the impact of those factors on deforestation growth

IPEA - Rio de Janeiro, RJ, Brazil

Research Assistant

Jun/2012 - Jun/2014

- Constructed a database on banking activities to outline the consequences of sector market share concentration on interest rates and in the transmission of the monetary policy
- Automated web data-scraping and table-generation processes from labor market databases with millions of observations
- Wrote monthly reports communicating labor market trends to journalists and researchers

**TEACHING
EXPERIENCE**

Teaching Assistant

Arizona State University

Business Statistics

Spring 23

Microeconomics Principles

Fall 22,20 & Spring 21

Labor Economics

Spring 20

Intermediate Microeconomics

Fall 19

Getulio Vargas Foundation (EPGE/FGV)

Macroeconomics

Spring 18,17,16

Time Series Econometrics (MBA)

Fall 17 & Spring 16

Universidade Federal Fluminense (UFF)

Macroeconomics

Spring 14,13 & Fall 14,13

**FELLOWSHIPS
AND
AWARDS**

Arizona State University - Graduate Fellowship

2018-2024

CAPES/CNPq Merit Fellowship for Master's Studies

2015-2016

Top 1% in the National Admission Exam of Economics Graduate Programs

2015

Gold Medal in Brazilian Math Olympiad

2006

Silver Medal in Brazilian Math Olympiad

2009

Bronze Medal in Brazilian Math Olympiad

2007

**COMPUTER
SKILLS**

R, Python, Stata, SQL, MATLAB, L^AT_EX

LANGUAGES

Portuguese (native), English (fluent), Spanish (basic)

CITIZENSHIP

Brazilian (F-1 STEM Visa holder)