

# Rafael Parente

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## Education

### Ph.D. in Economics

Expected May 2022

Princeton University, *Princeton, NJ*

- Job Market Paper: *Minimum Wages, Inequality, and the Informal Sector* (Advisor: Stephen Redding)
- Activities: Teaching assistant in introduction to Macroeconomics at the undergraduate level (80+ students) | Teaching assistant in introduction to Microeconomics at the undergraduate level (80+ students) | Research assistant for Prof. Oleg Itskhoki working on the implementation of data-driven quantitative models | Research assistant for Prof. Stephen Redding constructing and cleaning newly digitized data sets | Presented seminars to all faculty and students in different fields every semester | Presented at the 2019 SED in St. Louis to wide and diverse audience | Refereed for The B.E. Journal of Macroeconomics
- Honors: Princeton University Graduate Fellowship, 2016-2022 | International Economics Section Summer Fellowship, 2018-2021

### M.Sc. in Economics

2016

Fundação Getúlio Vargas (EPGE/FGV), *Rio de Janeiro, Brazil*

- Master's thesis: *The Impact of Social Security Reform on Occupational and Retirement Behavior* (Advisor: Pedro Ferreira)
- Activities: Teaching assistant in Macroeconomic Theory I and II at the graduate level | Teaching assistant in International Trade at the undergraduate level | Research assistant for Prof. Pedro Ferreira developing and implementing quantitative models of development and inequality for African countries
- Honors: CNPq Scholarship | Fifteenth place in National Graduate Admissions Exam (ANPEC, ~2k applicants)

### B.Sc. in Economics

2014

Fundação Getúlio Vargas (EBEF/FGV), *Rio de Janeiro, Brazil*

- Honors: EBEF/FGV Undergraduate Scholarship for high academic performance

## Research Experience

### Doctoral Researcher

2018-present

Princeton University, Economics Department, *Princeton, NJ*

- Assembled a novel and comprehensive data set connecting workers' occupations into knowledge-based hierarchies.
- Manipulated and analyzed large administrative data sets on the universe of Brazilian workers to uncover new facts on inequality, informality, firm organization, and the effects of trade shocks.
- Developed and estimated a model of demand and supply for labor in economies with large informal sectors to derive theoretical predictions and quantify the effects of the observed increase in the minimum wage.
- Conducted econometric analysis using Stata and quantitative analysis using Matlab and Fortran 90.

### Master's Researcher

2015-2016

Fundação Getúlio Vargas (EPGE/FGV), *Rio de Janeiro, Brazil*

- Developed and implemented a quantitative model to evaluate the macroeconomic effects of social security reforms.

## Work Experience

### International Macroeconomics Analyst Intern

2012-2013

GAP Asset Management, *Rio de Janeiro, Brazil*

- Developed software for the automated download and analysis of newly released Chinese macroeconomics data
- Provided weekly macroeconomic reports with insights on China and southeast asian economies.
- Summarized market expectations on movements in exchange rates and economic conditions in developing economies.

## Leadership Experience

### Organizer of the Student-Only Trade Workshop

2019-present

Princeton University, International Economics Section, *Princeton, NJ*

- Obtained funding/organized a student-only workshop to promote research, companionship, and collaboration between students.

### Secretary for the Graduate Student Housing Committee (GCHC)

2019-present

Princeton University, *Princeton, NJ*

- Managed the GCHC website and maintained weekly minutes publicly available and up to date.
- Communicated with the entire community of graduate students at Princeton about news and updates from the GCHC.
- Promoted and distributed GCHC t-shirts to enhance the sense of community among Princeton graduate students.

### Voluntary Instructor

2011

NGO: Eu Penso no Futuro/Project: Construindo o Saber, *Rio de Janeiro, Brazil*

- Taught math classes to disadvantaged High School students, improving their chances of approval to undergraduate studies.

## Skills & Interests

PROGRAMMING Stata, Matlab, Fortran 90, Microsoft Excel, LaTeX

LANGUAGES English (fluent), Portuguese (native), Spanish (elementary)

INTERESTS Basketball (athlete for Princeton Club Basketball) and rock climbing