

Pedro Brandão Solti

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Placement Director: Holger Sieg

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Graduate Coordinator: Cortni White

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Education

PhD in Economics

University of Pennsylvania

2016-present

Philadelphia, PA

Thesis Topic: *Strategic Flows of Information*

M.A. in Economics

Fundação Getúlio Vargas

2014-2016

Rio de Janeiro, Brazil

B.A. in Economics

Fundação Getúlio Vargas

2010-2013

Rio de Janeiro, Brazil

Minor in International Relations

Research Fields

Microeconomic Theory, Game Theory, Information Games, Networks, Behavioral Economics

References

Prof. Andrew Postlewaite

Department of Economics

University of Pennsylvania

apostlew@econ.upenn.edu

Prof. George Mailath

Department of Economics

University of Pennsylvania

gmailath@econ.upenn.edu

Prof. Kevin He

Department of Economics

University of Pennsylvania

hekevin@econ.upenn.edu

Academic Experience

- Developed game-theoretic modeling techniques to study strategic exchange of information and learning from observation of others.
- Created a school-matching algorithm that runs in polynomial time to implement efficient school-student matchings including quota considerations together with Profs. Andrew Postlewaite and Rakesh Vohra.
- Coded multiple simulations in Python and R to further the understanding of game-theoretic models.
- Manipulated and analyzed data sets on lobbying by public institutions to quantify its impact, benefits and costs to local government.
- Taught and assisted teaching multiple courses on topics such as Statistics, Game Theory, Microeconomics, Macroeconomics, International Trade, Real Analysis and Calculus.
- Prepared a comprehensive literature review on empirical papers quantifying discrimination.
- Organized seminars, including the 2020 Young Economists Symposium and the UPenn internal Micro Theory Seminar.
- Presented at the 2020 YES Symposium, Pennsylvania Theory Conference, Internal UPenn Seminars.

Research

- **Social Learning with Heterogeneous Preferences**
- **A Puzzle on Informational Bubbles**
- **To Bayes or Not To Bayes: Choosing How to Learn**
- **A Polynomial Algorithm of School Choice with Quotas** (w/ Profs. Andrew Postlewaite and Rakesh Vohra)

Fellowships and Honors

Sidney Weintraub Memorial Fellowship in Economics for Outstanding Theory Student University of Pennsylvania	2019
Best Macroeconomics Preliminary Exam University of Pennsylvania	2017
University of Pennsylvania Fellowship	2016-2022
CAPES Fellowship	2014-2015
EPGE Fellowship	2010-2013

Skills

- **Programming Languages:** Python (*numpy, pandas, matplotlib, seaborn, scikit-learn*), R, SQL, Matlab, LaTeX.
- Causal Inference, Cross Validation, Machine Learning, Demand Estimation.
- Mathematical Modelling.
- Presenting academic research and teaching.
- **Languages:** Brazilian Portuguese (native), English (fluent), Spanish (advanced), French (advanced), Hungarian (basic).

Miscellaneous

- Brazilian Citizen.
- US Permanent Resident.
- Born October 29, 1991.