# MARTÍN GRUNWALD

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## EDUCATION

- **Arizona State University** *2021–2027 (expected)*
  *Ph.D. in Economics*
- **Arizona State University** *2021–2023*
  *M.S. in Economics (en-route)*
- **Universidad ORT Uruguay** *2016–2020*
  *B.S. in Economics*
  *Study abroad: Korea University 2018-2019*

## SELECTED RESEARCH

**Knowledge in Organizational Hierarchies** *(Job Market Paper)*

- Developed and solved an economic model to study how education investment affects wages, worker–manager matching, and firm size.
- Built and ran numerical simulations in Python to analyze how changes in model parameters affect equilibrium outcomes.
- Insight: Cheaper education and better education can affect investment decisions, worker–manager matching, earnings, and firm size differently.

**Learning before *Learning before Trading***

- Developed a game-theoretic model to study how consumers' information acquisition before observing prices affects seller pricing and trade.
- Insight: Cheaper consumer information induces prices to reveal information.

## SKILLS

- **Economic Modeling:** Developing and solving microeconomics models.
- **Quantitative Analysis:** Numerical simulation, constrained optimization, parallel computing.
- **Programming:** Python, MATLAB, Stata, LaTeX, Java, Fortran, SQL.
- **Languages:** English (fluent), Spanish (native), Italian (fluent).

## EXPERIENCE

- **Arizona State University** *2021–Present*
  *Instructor, Department of Economics* *Tempe, AZ*
  - Designed and delivered lectures in Microeconomic Principles.

  *Graduate Research Assistant, Department of Economics*
  - Solved constrained numerical optimization problems for Prof. Hector Chade using parallel computing in Fortran.
  - Produced structured reports of numerical solutions under alternative parameter values.

  *Graduate Teaching Assistant, Department of Economics*
  - Led recitations and held office hours for game theory and for microeconomics courses ranging from introductory undergraduate to master's level.
- **CAF - Development Bank of Latin America** *2019–2020*
  *Intern, Education Division* *Montevideo, Uruguay*
  - Produced country-level education reports.
  - Updated and automated the educational database.

## CITIZENSHIP AND WORK AUTHORIZATION

Citizen of Uruguay and Austria.
F-1 visa holder: eligible for 12 months of OPT, plus 24 months STEM OPT extension.