



## Antoine Grimaud

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## Objective

I am a highly motivated PhD candidate with a strong interest in urban and geographical economics, particularly on the role played by infrastructure on shaping cities and spatial distribution of economic activities.

I am seeking a PhD position in urban, geographical or international economics. I wish to build upon my master's thesis, "The effect of high-speed rail connections to greater cities on local housing markets: a theoretical and empirical approach.", that studied the effects of linking two unequal cities with heterogeneous local housing and labor markets with a fast yet costly transport mode.

## Education

- **Pre-Doctorate cursus (2025)** *Universitat de Barcelona, IEB*  
*Under the supervision of Prof. Solé Ollé and Prof. Viladecans-Marsal*
- **Master in Applied Economics (2023-2025)** *Ecole Normale Supérieure de Lyon*
- **Classe préparatoire aux Grandes Ecoles, option D2 (2020-2022)** *Lycée Juliette Récamier*  
*Option D2 : economy and mathematics*

## Professional Experience

- **Economic Research Analyst (may-september 2024)** *Ministère de la transition écologique*  
**Bureau des études économiques (FE5) - DHUP, Paris la Défense.**
  - Contributed to an housing policy evaluation report ("Expérimentation du dispositif Pinel en Bretagne")
  - Co-authored parliamentary report with civil servants and researchers, under the direction of Clara Wolf.
  - Applied econometric methods (all in R) : DiD, propensity-score matching, RDD, handling spatial auto-correlation.

## Teaching Experience

- **Economics Tutor (2024)** *Ecole Normale Supérieure de Lyon*
  - Provided undergraduate instruction in microeconomics and optimization techniques
  - Developed and delivered courses on Lagrangian and Euler-Lagrange equations
- **Oral Examiner (2023-2025)** *Lycée Juliette Récamier*
  - Designed and administered microeconomic and macroeconomic assessments

## Technical Skills

- Programming: R, LaTeX, Python, Stata
- Advanced econometrics & statistics
- Skilled in calculus, linear algebra and probability
- Excellent written and verbal communication skills, ability to work independently and in a team environment.
- Research Methodology

## Languages

- Native french speaker
- English (C1+, Cambridge Certified)
- German (B1)
- Italian (A1)

## Hobbies

- Cinema : David Lynch, Federico Fellini, Dario Argento
- Playing music (guitar), and listening to music : blues, rock, symphonic/classical
- Tabletop wargaming, tabletop roleplaying games