

JULIEN PASCAL

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Citizenship: French

Current Position

Central Bank of Luxembourg, Research Economist, 2021 - present

Doctoral Studies

PhD in Economics (2021). Sciences Po Paris, Department of Economics

Dissertation: "[Search, matching and heterogeneity](#)"

Research Fields

Primary field: Labor Economics

Secondary fields: Macroeconomics, Urban Economics

Publications *

- **Artificial Neural Networks to solve dynamic programming problems: a bias-corrected Monte Carlo operator**, *Journal of Economic Dynamics and Control*, Volume 162, 2024
Downloadable [here](#). Keywords: Neural Network, Machine Learning, Monte Carlo.
- **(In)efficient commuting and migration choices: Theory and policy in an urban search model**, *Regional Science and Urban Economics*, 2023
Downloadable [here](#). Keywords: Migration, Commuting, Urban, Labor, Efficiency, Policy.
- **Efficiency and contestability in emerging market banking systems**, *OECD Journal: Economic Studies*, vol. 2016/1
Downloadable [here](#). Keywords: Market Contestability, Economic Efficiency.

Past Research Positions

- OECD, consultant at the Economics Department 2014 - 2015

Past Education and Visiting Positions

- Visiting Scholar, University of Minnesota (Feb.-March 2019), The London School of Economics (Sept.-Oct. 2018)
- Master of Economics, Sciences Po Paris, 2016
- Bachelor in Mathematics, Université Pierre et Marie Curie, *High Distinction*, 2015
- Bachelor in Social Sciences, Sciences Po *Cum Laude*, 2013

Awards, Grants and Fellowships

- Mobility Scholarship for Doctoral Exchange, Sciences Po Paris, 2018
- Full Doctoral Scholarship, Sciences Po Paris, 2016–2019

Language Skills

Languages: French (native), English (fluent), Spanish (intermediate), Luxembourgish (beginner)

Computer skills

Julia (advanced), Python (advanced), R (advanced), Stata (advanced), Matlab (advanced), C (intermediate), Dynare (advanced), Git & version control (advanced), Docker (intermediate), High-Performance-Computing (intermediate)