

Jan Rosa

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Specialization: Applied Microeconomics | **Languages:** English, Polish, French (basic)

Education

University of British Columbia (Vancouver)	PhD in Economics	2019–2025
University Paris 1 (Paris)	MA in Models and Methods of Quantitative Economics (QEM)	2017–2019
University of Warsaw (Warsaw)	BSc in Mathematics	2013–2017
Warsaw School of Economics (Warsaw)	BSc in Quantitative Methods in Economics and Information Systems	2012–2016

Work Experience

Economist, Organisation for Economic Co-operation and Development, CFE *September 2025 – present*

- Conducted advanced statistical analysis using administrative and commercial data.
- Contributed to the preparation of the OECD’s policy reports.

Research Assistant, Professor David Green (UBC, Vancouver) *May 2021 – Jan 2024*

- Contributed to the estimation of large Bayesian models for macroeconomic analysis.
- Conducted advanced statistical analysis using Canadian administrative data.

Teaching Assistant, University of British Columbia *January 2021 – May 2024*

- Supported courses in econometrics, macroeconomics, and quantitative methods.

Research Assistant, Group for Research in Applied Economics (Warsaw) *May 2016 – Dec 2016*

- Produced demographic research reports and analyzed population datasets.

Research

Job Market Paper:

National Firms, Local Effects: Spillovers from Multi-Establishment Employers’ Expansions

- Investigates labor market spillovers via firm expansions using administrative panel data and advanced econometrics.

Working Papers:

Spooky Boundaries at a Distance: Inductive Bias, Dynamic Models, and Behavioral Macro (Revise & Resubmit, Journal of Monetary Economics) [Github repository]

Co-authored with Mahdi Ebrahimi Kahou, Jesus Fernandez-Villaverde, Sebastian Gomez-Cardona, and Jesse Perla.

- Explores deep learning solutions of dynamic economic models.
- Developing Python (PyTorch) package and CLI.

Technical Skills

Analytics: Diff-in-Diff, Event Studies, Instrumental Variables, Regression Discontinuity, Randomized Control Trials, Synthetic Controls, Clustering, Discrete Choice Models, Bayesian Analysis, Causal Machine Learning, Neural Networks.

Programming: R (Data.table), Python (Pandas, PyTorch, Keras, NumPy, SciPy Polars), Julia, Stata, VBA, C++.

Grants and Awards

- UBC Doctoral Fellowship (2019–2023)
- AD Scott Fellowship in Economics (2020)
- French Foreign Ministry’s Scholarship (2018)

Invited Presentations

- Annual Meeting of the Canadian Economics Association (2024)
- Annual Meeting of the European Economics Association (2025)

Private Information

Date of Birth: December 1, 1993
Nationality: Polish, (Canadian PR)
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