

Yann Kerzreho

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EDUCATION

École Normale Supérieure (ENS) Paris-Saclay (top french school in research) Member of the University Paris-Saclay ranking 1 in France.

- **Master 1 in Applied Mathematic** (at Dauphine-PSL) 2024 – 2025
Functional analysis, convex analysis, optimisation, processes, machine learning *(in progress)*
 - **Master 1 in Economics** (ENS) 2023 – 2024
Econometrics, Mathematics, Macro and Micro-economics
 - **Bachelor in Economics** (ENS) 2022 – 2023
Econometrics, Mathematics, Macro and Micro-economics
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- Intensive Class in Economics & Management** (CPGE D2) ranking 2sd on thousands of candidats in entrance exam at ENS. 2020 – 2022
Mathematics, Management, Macro and Micro-economics

RESEARCH EXPERIENCES

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- Research internship** May 2024 - July 2024
Analysis of the results of multilevel randomised controlled trials (RCT) to assess the effectiveness of an online platform for matching companies and work-study students. Use of state-of-the-art machine learning algorithms in the analysis of heterogeneous RCT effects (Chernozhukov and Athey's work).
With Clément Brébion [website](#)

RESEARCH PROJECT

- *Generating Social Networks With Static And Dynamic Utility-Maximization Approaches* ([pdf](#)) model human social networks as a graph of independent individuals maximising an objective function. Realised with a classmate, it should leads to a publication and/or conference presentation this year.
- *Spontaneous Collusion with Synchronous Learning and State*, ([pdf](#)) Algorithmic cooperation in a market of 2 Q-learning agents is studied. I did this as part of a project for my M1 in economics.

SKILLS

Programming language: R, Python (Advanced) || C++ (Intermediate) || Matlab, Stata (Basic) – [GitHub](#)

Language: French (mother tongue) || English (IELTS 7/9 : C1)

CENTRES OF INTEREST

- *Psychology*: in particular social psychology, with handbooks and essay;
- *Political and geopolitical*: with newspapers and podcasts;
- *Economic analysis*: particularly for France, with notes from the CAE, France Stratégie, OFCE, etc.
- *Piano, classical music and running*.