

# CORALINE BEST

Econometrics | Machine Learning | Economics | Statistics

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## EXPERIENCE

### Economic Research Analyst - DREES - French Ministry of Health

Sept 2023 – Sept 2024

Paris, Fr

- **Apprenticeship** on the labor market transitions and the French socio-fiscal system's redistributive mechanisms.
- Investigating the impact of unemployment insurance reforms and employment policies on social benefits.
- Developing a typology of typical job-seeker trajectories and enriching a dynamic model.

### Economic Research Analyst - DREES - French Ministry of Health

Apr 2023 – Sep 2023

Paris, Fr

- **Internship** on the study on the redistributive aspects of the French socio-fiscal system based on different family configurations.
- Updating for 2023 of a model that allows for simulating tax and social benefits and deductions using Excel and Rshiny.

### Internship (unpaid) - BPI France (French Public Investment Bank)

Jul 2020 – Aug 2020

Bourg-en-Bresse, Fr

- Call for companies to extend loan maturities due to the covid 19 crisis.
- Tax bundle seizure, consolidated balance sheet with AnadeFi.

## EDUCATION

### Master Econometrics, Big Data, Statistics | Cum Laude - Aix Marseille School of Economics

Sept 2022 - Sept 2024

Marseille, Fr

- Machine learning, previsions methods, advanced econometrics, programmation for big data (SQL, R and Python), time series, transition and duration models.

### Msc in Economics - Singapore Management University (exchange semester)

Jan 2023 - Apr 2023

Singapore

- Machine learning for finance and economics, times series econometrics, health economics, empirical industrial economics, environmental economics.

### Bachelor in Economics | Dean's list (academic excellence) - University of Oregon (exchange year)

Sep 2021 - Jun 2022

Eugene, US

- Econometrics, labor economics, international trade, advanced microeconomic theory, economic growth and development (graduate level classes).

### Bachelor of Economics & Business | With honor - Université Lumière Lyon 2

Sept 2018 - Jun 2020

Lyon, Fr

## HACKATHONS

- Hackathon- Data for Good, JP MORGAN
- Hackathon - Airbus Helicopters
- World Econometrics Game Amsterdam
- Hackathon - Etalab Office of the Prime Minister

## SKILLS

Python R SQL Excel  
Econometrics Machine Learning  
Economics Statistics Git French  
English Italian Russian

## PROJECTS

### - Sequence analysis to map French career trajectories

- Categorizing distinctive patterns of career paths, using an extensive dataset of longitudinal job records.

### - Macroeconomic Forecasting with a large French database

- Macroeconomic dataset for inflation forecasting using machine learning models and dimension reduction techniques.

## CERTIFICATION

### - Data Scientist

01/09/2024

Datacamp

## PUBLICATION

### - The socio-fiscal system supports families with children, prioritizing single-parent families

13/06/2024

DREES

- Evaluates the effect of French social and fiscal transfers on the disposable income of families, with a focus on single-parent households.

## INTERESTS

- Sport: ballet for 14 years at a high level French championships and international competitions; ski; surf
- Travels (Europe, North East Asia, North America)