# ETIENNE BACHER

I am currently studying international migrations and political reactions at LISER, Luxembourg.

## EDUCATION

**current | 2020**

### PhD Candidate in Economics
LISER

 Luxembourg

- Member of Doctoral Training Unit ACROSS
- Work on cross-border mobility, attitudes and political preferences

**2020 | 2018**

### Master's Degree for Research in Development Economics
University Clermont Auvergne

 Clermont-Ferrand, France

- Master's thesis : "Immigration and altruistic behavior: a comparison of immigrants' and natives' vote". Use of survey data and microeconometric methods (Heckman correction and matching methods) using R.
- Other work : "Financial development and income inequalities: a cross-sectional analysis". Statistical analysis with a Principal Components Analysis, use of cross-sectional data estimators with R and Stata.
- Main classes: Development Economics, Econometrics, Microeconomics, Institutional Economics

**2018 | 2017**

### Bachelor's Degree in Development Economics
University Clermont Auvergne

 Clermont-Ferrand, France

- "Does urbanization significantly impact economic growth?". Use of cross-sectional data estimators with EViews.
- "Poverty study in Malawi (2010-2013): a monetary approach". Statistical analysis using base R and survey data.
- Main classes: Development Economics, Econometrics, Microeconomics, Game Theory

## WORK EXPERIENCE

**2020 (two months) | 2020**

### Internship as research assistant
CERDI

 Clermont-Ferrand, France

- Built a dataset on the sovereignty of small islands.
- Created an application with R Shiny to explore this dataset.

## CONTACT

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## COMPUTER SKILLS

*Economics*

| R |
|---|
| Stata |
| GAMS |
| Matlab |

*Other*

| LaTeX |
|---|
| HTML |
| GNU Linux |
| CSS |
| JavaScript |

**2019
(two
months)
|
2019**

● **Internship as research assistant**

High-Commission for Planning                    ⚲ Rabat, Morocco

· Production of a report: "Labor market and poverty in Morocco" (in
  French & English)
· Made the literature review, treated survey data, applied Econometric
  methods (logistic regression, probit model) using Stata on about
  200,000 observations, and participated to the redaction.

**2018 (six
weeks)
|
2018**

● **Internship as management assistant**

Biotropic                                         ⚲ La Fortuna, Costa Rica

· Performed administrative tasks, quality control and manual labor.
· Dealt with local producers, canned organic products according to
  sanitary norms, and conducted a variety of administrative tasks, in
  Spanish and English.

## ▌ LANGUAGES

● **French**

Native

● **English**

Fluent

· Multiple stays in the US and the United Kingdom.
· TOEIC (975/990, taken in February 2020).

● **Spanish**

Intermediate

· 2018: used six weeks, spoke and wrote in a professional setting, La
  Fortuna, Costa Rica

## ▌ ADDITIONAL INFORMATION

● **Programming**

· Creation of a few packages adapting JavaScript libraries in R:

  · shinyfullscreen: put any HTML element in full screen in Shiny
    applications;
  · prompter: easily add tooltips over HTML elements in Shiny
    applications;
  · circletyper: curve text elements in Shiny applications.

Other packages and projects can be found on GitHub.

· Participation at the Shiny Contest 2nd edition (2020) with woRldbank:
  use WDI for econometrics.
· Redaction of blog articles on R on my website

## Sports

· Tennis during six years (including five years of competition).
· Running (cross country, half-marathon).
· Hiking.

## Music

· Piano for two years.

CV last updated on 2021-01-23.