

## Fabien Forge

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(+1) 514-995-4835

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<b>EDUCATION: GRADUATE STUDIES</b>	<b>PhD in Economics – University of Ottawa</b>	Ottawa, Canada
	Specialisation: Statistics for causal inference, prediction and machine learning	Sep 2015 - Dec 2020
	<b>Visiting Researcher – UC Berkeley</b>	Berkeley, California
	Haas Business School	Sep 2019 - Jan 2020
	<b>Masters in Economics – University of Grenoble Alps</b>	Grenoble, France
	Fields: International Economics	Sep 2013 - Jul 2014
	<b>MBA – Kedge Business School</b>	Marseille, France
	Fields: Finance and Economics	Sep 2009 - Jul 2013
	<b>Visiting Student – Brandeis University</b>	Waltham, Massachusetts
	<i>Exchange Program, Economics</i>	Sep 2011 - Dec 2011
<b>EDUCATION: UNDER- GRADUATE STUDIES</b>	<b>University of Grenoble Alps</b>	Grenoble, France
	B.A. in Economics	Jul 2012
	<b>University of Provence</b>	Marseille, France
	B.A. in English and Spanish	Jul 2009
<b>WORK EXPERIENCE</b>	<b>Postdoctoral Fellow</b> University of Ottawa	Jan - Dec 2021
	Machine learning and econometrics applied to environmental issues	
	<b>Data Science, Adjunct Professor – University of Ottawa</b>	Winter 2021
	4 <sup>th</sup> year introduction to statistical learning with applications in Python	
	<b>Environmental Economics, Adjunct Professor – McGill</b>	Winter 2021
	3 <sup>rd</sup> year introduction to applied techniques in environment and development	
	<b>Health Economics, Adjunct Professor – Royal Military College of Canada</b>	
	Winter 2021	
	Introduction to health economics	
	<b>Econometrics, Adjunct Professor – University of Ottawa</b>	Winter 2020
	3 <sup>rd</sup> year introduction to econometrics with applications in Stata	
	<b>Teaching Assistant – University of Ottawa</b>	2015-2019
	Econometrics	<i>graduate</i>
	Development, International Economics, Macro III, Micro I	<i>undergraduate</i>
	<b>Introduction to R and Python</b>	Winter 2019
	Introduction to Data Science in R and Python	<i>workshops</i>
	<b>Head Research Assistant</b>	2018-2019
	Is China Building a More China-Centered World?	
	project by Jason Garred and Samuel Marden	

<b>President Graduate Economics Student Association</b> Academic affairs, grants and social activities	2018-2019 <i>Ottawa</i>
<b>Researcher in Politics and Economics, Think Tank Different</b> Research on racial and gender discrimination, report for the French Government of Education	2014-2015 <i>Paris, France</i>
<b>Business Assistant, UMedia</b> Movie production company, (internship)	2012 <i>Brussels, Belgium</i>
<b>Semi-professional Dancer</b> Dancesport	2000-2009 <i>France</i>

## TECHNICAL SKILLS

### Languages/Software:

- Python
- R
- Stata
- ArcGIS, QGIS

**Basic:** SQL, Matlab, Julia, STAN, Java

### Data Science Tools:

- Machine Learning (Statistical Learning Methods and Deep Learning)
- Cloud Computing
- Github version control
- Web Scraping
- Geospatial Data

**Basic:** Docker, NLP, Network Analysis

## LANGUAGES

**French** Native, **English** Fluent  
**Spanish** and **Portuguese**, Intermediate

## Academic Work

**Climate Change and the Distribution of Agricultural Output**, submitted  
*with:* Francisco Costa, Jason Garred and João Paulo Pessoa

**When Are Tariff Cuts Not Enough? Heterogeneous Effects of Trade Preferences for the Least Developed Countries**, submitted  
*with:* Jason Garred and Kyae Lim Kwon

**CCTs and Fertility: Long-Term Impacts Across Two Generations**, submitted

**Climate Change: Using Machine Learning to Predict How to Model Adaptation**, submitted  
*with:* Julia Mink