

ELIO BOLLIGER

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DATE OF BIRTH 27 September 1991
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EDUCATION

09/2018 – Today	University of Lausanne, Ph.D. Student Research interests: Financial Stability, Capital Flows and Information Frictions
09/2018 – 08/2019	Swiss Program for Beginning Doctoral Students in Economics Econometrics, Macroeconomics, Microeconomics
09/2016 – 07/2018	University of Lausanne, Master of Science in Economics (GPA 5.7/6) Differentiation: Mathematics/Applied Mathematics Orientation: Quantitative Economics and Macroeconomics Thesis: GDP Volatility in Switzerland - A Fundamental Approach (GPA 6/6), under the supervision of Andreas Tischbirek
09/2012 – 06/2015	University of Bern, Bachelor of Science in Economics (GPA 5.4/6)

RESEARCH

2020: Published	Social, cultural and experiential patterning of attitudes and behaviour towards assisted suicide in Switzerland: evidence from a national population-based study <i>with Sarah Vilpert, Carmen Borrat-Besson, Gian Domenico Borrasio and Jürgen Maurer</i> <i>Swiss Medical Weekly, Vol. 150, Issue 2526</i>
2021: In Progress	The Effect of Macroprudential Policies on Homeownership <i>with Adrian Bruhin, Andreas Fuster and Maja Ganarin</i>

TEACHING EXPERIENCE

02/2019 – Today	Économie politique II Undergraduate course spring semester, introduction to Macroeconomics, 700 students
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WORK EXPERIENCE

10/2019 – Today	Research Assistant, Swiss National Bank, Bern Joint research project: The Effect of Macroprudential Policies on Homeownership (20%)
08/2018 – Today	Scientific Collaborator, Institut d'Économie Appliquée (CREA), Lausanne <ul style="list-style-type: none">• Creation of a News Sentiment Index using Web Scraping Techniques• Regular assessment of the forecasting model as well as calculation of the forecasts and presentation of the results (until July, 2019)
02/2018 – 07/2018	Internship, Institut d'Économie Appliquée (CREA), Lausanne Combined internship with master thesis (80%): <ul style="list-style-type: none">• Internal research concerning the structural volatility of Switzerland (Master Thesis)• Support in external research solicited by other institutions or private enterprises. Development of a forecasting model for an important Swiss exports Industry
07/2017 – 08/2018	Various Research Assistant Positions, University of Lausanne <ul style="list-style-type: none">• Co-author of an article investigating the opinions and attitudes of Swiss people regarding assisted suicide (20%)• Assisting several professors for academic publication in the process of the data collection and manipulation (20%)

08/2015 – 07/2016

Internship, Swiss National Bank, Bern

Intern at the Financial Stability Division (100%), being essentially involved in:

- Developing an Excel-based tool for analysing the Swiss mortgage market
- Benchmarking and monitoring of various financial indicators for Global Systemically Important Banks (G-SIB)
- Analysing and updating statistical evaluations in R on the effects of negative interest rates

CONFERENCES AND PRESENTATIONS

09/2020

Reserach Days, University of Lausanne, Switzerland

08/2020

Internal Seminar, Swiss National Bank, Switzerland

PHD COURSES

02/2021

Winter School in Data Analytics and Machine Learning, University of Fribourg, Switzerland

01/2021

A Gentle Introduction to Deep Learning with Python and R, at the Scientific Computing and Research Support Unit of the University of Lausanne, Switzerland

06/2019

The Identification of Structural Shocks in Dynamic Models by Kenza Benhima and Jean-Paul Renne, University of Lausanne, Switzerland

SKILLS

Languages

German
(native)

English
(fluent)

French
(fluent)

Spanish
(intermediate)

Italian
(basics)

Computer

R

● ● ● ● ●

Python

● ● ● ● ○

Matlab

● ● ● ● ○

Dynare

● ● ● ● ○

Stata

● ● ● ● ○

Excel, VBA

● ● ● ● ○

L^AT_EX

● ● ● ● ○

Groovy

● ● ● ○ ○

EViews

● ● ○ ○ ○

Online courses

Sentiment Analysis with Python, several courses on Datacamp for Text Analysis and Web Scraping (Spider, Selenium).

Shiny and Flexdashboards, courses on Datacamp to create Web applications for data analysis.

EXTRACURRICULAR ACTIVITIES

09/2017– Today

Member of the Student Think Tank Uthink, Lausanne

Organising conferences to inform the university community about federal referenda

03/2013 – 08/2018

Actuary and Member of the Futsal Club Luzern

01/2001 – 08/2010

Member and part of the leadership, Scouts Ebikon/Buchrain

HOBBIES

Piano, reading, climbing, skiing and futsal.

Last update: February, 2021