ELIO BOLLIGER

ADDRESS	Internef, Office 556,
	Lausanne, Switzerland
DATE OF BIRTH	27 September 1991
NATIONALITY	Swiss
PHONE	+41 79 756 61 71
MAIL	bolliger.elio@gmail.com
WEBPAGE	eliobolliger.com

EDUCATION

09/2018 – Today
University of Lausanne, Ph.D. Candidate
Research interests: International Macroeconomics, Financial Stability and Monetary Policy

09/2018 – 08/2019
Swiss Program for Beginning Doctoral Students in Economics (GPA 5.5/6)
Econometrics, Macroeconomics, Microeconomics

09/2016 – 07/2018
University of Lausanne, Master of Science in Economics (GPA 5.7/6)
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

Ongoing
The Effect of Macroprudential Policies on Homeownership: Evidence from Switzerland, *with Adrian Bruhin, Andreas Fuster and Maja Ganarin (WP available on request)*

Ongoing
Home Bias in Professional Forecasts
with Kenza Benhima

Ongoing
News Sentiment Index for Switzerland

Older Work
Social, cultural and experiential patterning of attitudes and behaviour towards assisted suicide in Switzerland: evidence from a national population-based study
2020, with Sarah Vilpert, Carmen Borrat-Besson, Gian Domenico Borrasio and Jürgen Maurer
Swiss Medical Weekly, Vol. 150, Issue 2526

WORK EXPERIENCE

08/2018 – Today
Scientific Collaborator, Institut d'Économie Appliquée (CREA), Lausanne
- 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)

10/2019 – 10/2020
Research Assistant, Swiss National Bank, Bern
Joint research project: The Effect of Macroprudential Policies on Homeownership: Evidence from Switzerland (20%)

02/2018 – 07/2018
Internship, Institut d'Économie Appliquée (CREA), Lausanne
Combined internship with master thesis (80%):
- 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
- Co-author of a paper investigating the opinions and attitudes of Swiss people regarding assisted suicide (Jürgen Maurer, 20%)
- Assisting professors for academic publication in the process of the data collection and manipulation (Johannes Buggle and José Mata, 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 Systematically Important Banks (G-SIB)
- Analysing and updating statistical evaluations in R on the effects of negative interest rates

Teaching Experience

02/2019 – Today	**Économie politique II** Undergraduate course, introduction to Macroeconomics

Conferences and Presentations

11/2021	**Gerzensee Alumni Conference, Switzerland**
09/2021	**Research Days, University of Lausanne, Switzerland**
09/2020	**Research Days, University of Lausanne, Switzerland**
08/2020	**Internal Seminar, Swiss National Bank, Switzerland**

PhD Courses

09/2021	**Macroeconomics with Financial Frictions: Monetary and Macroprudential Policies**, by Javier Bianchi, Study Center Gerzensee, Switzerland
09/2021	**Advances in Financial Time Series Modelling**, by Siem Jan Koopman, Study Center Gerzensee, Switzerland
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)		**Portuguese** (basics)	
Programming	**R**	● ● ● ● ◑	**Python**	● ● ● ● ○					**Matlab**	● ● ● ● ○		
	Stata	● ● ● ● ○	**Excel, VBA**	● ● ● ◑ ○					**LaTeX**	● ● ● ◑ ○		
	Groovy	● ● ● ○ ○	**SQL**	● ● ● ○ ○					**EViews**	● ● ○ ○ ○		

Online courses	**Sentiment Analysis with Python**, several courses on Datacamp for Text Analysis and Web Scraping (Spyder, Selenium). **Shiny and Flexdashboards**, courses on Datacamp to create Web applications

Extracurricular Activities

09/2021 - Today	**PhD representative at HEC Lausanne** Main responsibilities are representing PhD students' interests at the faculty level.
09/2017– 09/2021	**Member of the Student Think Tank Uthink, Lausanne** Organising conferences to inform the university community about federal referenda. *Uthink is a student organisation which aims to promote the scientific knowledge produced by the academic world.*
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: November, 2021