

Tom Rodriguez

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Education

University of Fribourg

PHD IN ECONOMICS

- Thesis Title:
- Supervisor: Holger Herz

Fribourg, Switzerland

09/2022 - today

Study Center Gerzensee

SWISS PROGRAM FOR BEGINNING DOCTORAL STUDENTS IN ECONOMICS

- Final Grade: 5.8 (out of 6). Translates to A / A+ in American Grades.
- Award for Best Performance
- Econometrics taught by B. Honoré, and M. Watson (both Princeton University)
- Microeconomics taught by P. Gottardi (University of Essex), K. M. Schmidt (LMU Munich), J. Hörner (Yale University), and J. Moore (University of Edinburgh)
- Macroeconomics taught by F. Alvarez (University of Chicago), R. Reis (London School of Economics), J. Gali (Universitat Pompeu Fabra), and S. Schmitt-Grohe (Columbia University)

Gerzensee, Switzerland

08/2022 - 09/2023

University of Zurich

M.A. IN ECONOMICS

- Final Grade: 5.7 (out of 6)
- Summa Cum Laude
- Minor in Data Science

Zurich, Switzerland

09/2020 - 07/2022

University of Zurich

B.Sc. IN PSYCHOLOGY

- Final Grade: 5.2 (out of 6)
- Minor in Economics

Zurich, Switzerland

09/2016 - 07/2020

MNG Raemibuehl Zurich

FEDERAL MATURA (SPECIALIZATION: APPLIED MATHEMATICS AND PHYSICS)

Zurich, Switzerland

08/2011 - 07/2015

IT-Skillset

Python

- Statistical analyses using Pandas, Numpy, Sklearn, and more
- Implementation of regressions including basis expansion and penalization
- Implementation of machine learning algorithms such as neural networks, classifiers, and others
- Using oTree (or Django) to design experiments with multiplayer games, bots, and surveys

R

- Implementation of standard econometric tools like regression (with basis expansion, penalization, etc.)
- Time series analysis ranging from SARIMA models over Kalman filter procedures up to vector error correction models

Latex

Trained in using LaTeX and its framework to write papers with standard citation tools (e.g. bibtex).

Stata

Statistical Analyses such as (non)linear regressions, machine learning techniques, and time series analyses.

Teaching

Organizational Economics (Master)

TEACHING ASSISTANT, LECTURER: HOLGER HERZ

University of Fribourg, Switzerland

2024

Microeconomics 2 (Bachelor)

TEACHING ASSISTANT, LECTURER: HOLGER HERZ

University of Fribourg, Switzerland

2023, 2024

Research Experience

Master's Thesis

Department of Economics

AN EXPERIMENT ON CHANGING VOTERS' ATTITUDES TOWARDS CARBON EMISSION TAXES (DUE DATE: 21.07.2022)

Supervisor: Dr. Sandro Ambuehl

- Investigating the effectiveness of experience provision in games to change opinions about taxes on emissions
- Experiment and survey implementation using oTree
- Special focus on the design of the experiment and methodological pitfalls associated with the implementation of such an experiment

Bachelor's Thesis

Chair of Statistics

THE RELIABILITY OF DIFFERENCE SCORES IN PSYCHOLOGICAL RESEARCH

Supervisor: Dr. Dries Debeer

- Investigated the reliability of difference scores in psychological research
- Went through multiple theoretical derivations to obtain a comprehensive summary of the research on difference scores' reliability issues

Experimentalpraktikum (in German)

Chair of Motivation Psychology

DER ZUSAMMENHANG ZWISCHEN DER TENDENZ ZUR MAXIMIERUNG UND DER ZUFRIEDENHEIT BEZIEHUNGSWEISE ZEITDAUER

Supervisors: Dr. V. Sieber

DER GETROFFENEN WAHL BEI PARALLELER DARBIETUNG VON WAHLMÖGLICHKEITEN

Dr. M. Ghassemi

- Group project, the research hypothesis was set by the course instructors
- Used an online experiment to assess, if there is a difference in time needed for decision making and happiness with said decision between maximizers and satisficers in a setting where the experimenter could manipulate the size of the choice set
- Statistical analysis of an interaction effect using SPSS
- Presentation of a poster

Work Experience outside Academia

EB Zurich

Zurich, Switzerland

TEACHER FOR MATHEMATICS AND IT

01/2020 – 08/2022

- Teaching basic mathematics and information technology to asylum seekers in preparation for an apprenticeship in Switzerland
- Teaching unemployed the use of digital media in order to apply for new positions
- Designing course material and planning lessons
- Assessing different levels of experience in highly heterogeneous classes and supporting their respective learning processes

Red or Blue Labs AG

Zurich, Switzerland

VR EVENT MANAGER

03/2018 – 09/2020

- Responsible for handling the day to day operations of the VR event location, including all administrative tasks
- Supervision of the staff on site
- Responsible for keeping all hardware and software up to date and in prime condition
- Communication with the clients from acquisition to invoice
- Organisation of transport for equipment and staff
- Organisation of foods and drinks

University of Zurich

Zurich, Switzerland

TEACHING ASSISTANT MICROECONOMICS 1

09/2017 – 12/2017

- Teaching assistant under Prof. Nick Netzer in the undergraduate course *Microeconomics 1*
- Taught two exercise sessions per week where I presented the solutions to all problem sets and helped the students with individual questions
- Supervised the online forum where students could ask questions about the course material

Yousty AG

Zurich, Switzerland

INTERNSHIP SALES AND SERVICE MANAGEMENT

01/2016 – 09/2016

- Worked as a service representative
- Helped customers over the phone or via e-mail
- Prepared many of the presentations for the sales staff and attended their client meetings
- Towards the end of my internship I was also managing the German branch of customers. This included not only service but also sales tasks.

Languages

German Mother Tongue**English** Fluent**French** Intermediate