

# ANA ARMENDARIZ

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## OBJECTIVE

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PhD candidate in Econometrics with a focus on causal inference, causal machine learning and policy learning.

## EDUCATION

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**PhD in Econometrics**, University of St Gallen, Switzerland 2023 - Expected 2027

**Master in Data Analytics and Economics**, University of Fribourg, Switzerland 2021 - 2023  
GPA: 5.35/6

**Bachelor in Economics**, Universidad de las Américas, Ecuador 2017 - 2021  
GPA: 3.4/4

## SKILLS

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**Programming languages** Python ★★★, R ★★★, SQL ★★★, Git ★★, Stata ★★  
**Languages** Spanish (native), English (C1), French (B2), Russian (B1), German (A1)

## WORK EXPERIENCE

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**Innovation Lab Officer** June 2022 - June 2023  
Fribourg School of Management *Fribourg, Switzerland*

- Designed and developed a mobile app to monitor startups affiliated with the Innovation Lab [View app](#).

**Junior Analyst** August 2019 - June 2020  
Vamos Pasajes *Quito, Ecuador*

- Created automated reports and KPIs to streamline data analysis and decision-making.

## ACADEMIC WORK EXPERIENCE

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**Research Assistant** August 2023 - Present  
Supervisor Prof. Dr. Michael Lechner *St Gallen, Switzerland*  
Swiss Institute for Empirical Economic Research

- Teaching Assistant: Causal Machine Learning (PhD level) & Microeconometrics (Master's level).
- Developed documentation and testing frameworks for the Python package [mcf](#).

**Research Assistant** July 2022 - October 2022  
Supervisor Prof. Dr. Martin Huber *Fribourg, Switzerland*  
Chair of Applied Econometrics and Policy Evaluation

- Contributed to editing and implementing referee report revisions..

## RESEARCH PROJECTS

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**Overfitting in Policy Learning.** This project focuses on detecting overfitting in policy learning models and developing tools to help applied researchers mitigate this issue.

**Sensitivity Analysis.** The aim of this project is to develop a sensitivity analysis tool for applied researchers which makes minimal parametric assumptions.

**Impact Evaluation of Drug Consumption Rooms on Health and Criminal Outcomes.** This study aims to estimate the causal impact of the availability of Drug Consumption Rooms on health outcomes, such as overdose rates and other drug-related health issues, as well as criminal outcomes.

## AWARDS

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**Aschinger Prize for Latin American academic achievement**  
University of Fribourg

September 2023  
*Fribourg, Switzerland*

**Honor Roll**  
Universidad de las Américas

Spring 2020 & Autumn Semester 2021  
*Quito, Ecuador*

**José Corsino Cárdenas Research Prize (second place)**  
Central Bank of Ecuador

April 2021  
*Quito, Ecuador*

**Finalist at National English Olympiads**  
School No 48

June 2017  
*Minsk, Belarus*

**Citizenship Award**  
Samuel Tucker Elementary School

June 2008  
*Virginia, USA*

## RELEVANT COURSES

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**Machine Learning for Treatment Effects and Structural Equation Models**  
Study Center Gerzensee

August 2024  
*Gerzensee, Switzerland*

**Winter School in Data Analytics & Machine Learning**  
University of Fribourg

February 2022  
*Fribourg, Switzerland*

**Introduction to Data Analysis and Econometrics**  
Yale University

July 2019  
*New Haven, USA*

**Topics in International Economics**  
Yale University

July 2019  
*New Haven, USA*