

Curriculum Vitae

Personal Information and Contact Details

Full Name: Tania Echagüe
Date of Birth: 05/12/1988.
Nationality: Uruguayan.
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Professional Profile

Economist specialized in the production and structuring of databases, their processing, and statistical-econometric analysis. Quantitative focus with expertise in data science and impact evaluation of public policies on various market variables.

Passionate about EDA and ETL processes. Enthusiastic follower of the latest trends in machine learning and database modeling.

Academic Background

Master's Degree

Master's in International Economics

Institution: Universidad de la República, Faculty of Social Sciences
Start Date (Re-enrollment due to curriculum change, 2019): February 2020
End Date: Ongoing
GPA: 8 (on a scale of 1 to 10, corresponding to "Very Good")
Note: 100% of courses completed. Currently working on the Master's Thesis.

Undergraduate Degree

Bachelor's in Economics

Institution: Universidad Católica del Uruguay
Start Date: March 2007
End Date: June 2012
GPA: 4.88 (on a scale of 1 to 6, corresponding to "Very Good")

Additional Courses and Training

Data Science

Institution: IBM
Date: December 2023, ongoing
*Completion Status: 80% of coursework approved (7 out of 10 modules completed).
Remaining 3 modules in progress.
Approval Method & Certifications: Modular exams.*

Data Management

Institution: AGESIC

Date: August to September 2023

Approval Method & Certifications: Attendance.

Big Data and Skills Gaps

Institution: ILO/Cinterfor

Date: September to December 2022

Approval Method: Attendance.

Institutional Capacity Building for Effective Labour Market Information Systems

Institution: ILO

Date: November to December 2020

Approval Method: Attendance.

Diploma in Gender and Public Policies

Institution: FLACSO

Date: March to December 2016

Approval Method: Final exam.

Labour Market, Poverty, and Inequality Course

Institution: CEDLAS

Date: June 2015

Approval Method: Attendance and completion of homework assignments.

Social Policy Impact Evaluation

Institution: Universidad de Montevideo, ALJPAL

Date: March 2014

Approval Method: Attendance.

Languages

FIRST Certificate in English

Institution: University of Cambridge

Date: December 2011

Approval Method: Exam.

Computer Skills

R

Institution: UETSS Training, MTSS

Date: May to December 2024

Approval Method: Attendance.

Python

Institution: IBM

Date: February 2024 to February 2025

Approval Method: -

STATA

Institution: BIOS

Date: October to December 2021

Approval Method: Submission of homework assignments.

SQL

Institution: UDE, Universidad de la Empresa

Date: September to October 2021

Approval Method: Submission of homework assignments.

Work Experience

Economist

Position: Professional, Economist

Institution: Labour Market and Social Security Statistics Unit

Start Date: November 2013

End Date: Present

Main Responsibilities:

- Database management using various statistical software (SQL, R, Stata, Python).
- Development of labour market statistical indicators.
- Statistical and economic analysis of labour market information and various social policies.
- Participation in multidisciplinary teams for report preparation and project development.
- Evaluation of the impact of different social policies (INEFOP programs, Uruguay's Collective Bargaining, effects of the pandemic on the labour market, etc.) through econometric procedures.
- Analysis of training programs for unemployed workers by INEFOP and their impact on employment duration, unemployment duration, etc.
- Biannual and annual reports on Labour Demand Characterization based on classified job ads in newspapers.
- Sectoral reports as input for collective bargaining negotiations.
- Participation in sectoral councils to provide technical support and information to promote the development of economic sectors (for business chambers and unions).

Key Competencies:

- Handling diverse data sources.
 - Database generation and management (Excel, Stata, R, Python, SQL formats).
 - Econometric analysis for policy and program impact evaluation.
 - Labour market reports through statistical analysis and management of National Statistics Institute databases (administrative records, censuses, surveys, etc.).
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Other**Published Articles**

- [Impact of Training Programs on Employment and Unemployment Duration \(2009-2013\)](#), November 2015 (MTSS).
- [Effect of Collective Bargaining Councils on Private Sector Wages \(2005-2015\)](#), co-authored with Virginia Cabrera.
- [Ethnic-Racial Background and Labour Market](#), March 2018 (MTSS).
- [Ethnic-Racial Background and Labour Market Report 2017](#), July 2017 (MTSS).
- [Key Labour Market Indicators for Northern Departments of the Country](#), 2016 (MTSS).

[GitHub](#)

[LinkedIn](#)