

SERGIO Yael CERVANTES GIL

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EDUCATION

Massachusetts Institute of Technology (MIT), USA

expected graduation: June 2025

MS in Technology and Policy.

Center for Research and Teaching in Economics (CIDE), México

BS in Economics.

August 2016 - October 2020

Dissertation: I studied the dynamic of crime in Mexico City using georeferenced data and the Regression Discontinuity Design framework to find a self-depressing effect, where an initial crime decreases the probability of more felonies in the near future.

Research Assistant of Dr. Alexander Dentler on real estate market, liquidity, and crime topics.

University of Chicago, USA

Data and Policy Summer Scholar Program.

June - August 2021

Capstone project: I studied how the roll back of mask mandates during the COVID-19 pandemic impacted the economic activity in the United States.

Center of Monetary and Financial Studies of the Bank of Spain (CEMFI), Spain

Summer School.

August 2021

Course: New Insights from Big Data into Inequality and Risk. Taught by Professor Fatih Guvenen.

PROFESSIONAL EXPERIENCE

Central Bank of Mexico, Mexico

August 2020 - August 2023

Economist at the General Directorate of Economic Research.

- Collaborated in the monetary policy reports that provide appropriate information to the Board of Governors for every policy rate decision and in the elaboration of Quarterly Reports.
- I have been in charge of automating processes, such as reading images to get information from brokerages, automation processes to obtain and analyze data from Bloomberg, and codes to optimize the daily monitoring of financial markets.
- I developed a text analysis code to measure the tone (hawkish or dovish) from the Bank's press releases and studied the impact of that tone on real economic variables such as inflation and GDP.

National Laboratory of Public Policy (LNPP), Mexico

July 2020 - June 2022

Research assistant of Dr. Salvador Vazquez del Mercado.

- I gathered and analyzed a database of millions of observations related to news of COVID-19 and the mid-term elections in Mexico to find relations between editorials and the form of communication.

National Autonomous University of Mexico (UNAM), Mexico

June 2020 - September 2022

Research assistant of Dr. Julia Flores Dávila.

- I analyzed and presented the data collected through the survey "Universities in Latin America and the Caribbean in times of COVID-19" carried out by the Association of Universities of Latin America and the Caribbean (UDUAL) which aims to diagnose the situation of the universities during the COVID-19 pandemic.

SKILLS

Computational Software

Stata, Python, R, Matlab.

Others

LATEX, VBA, Office.