JESICA MARIA RAMIREZ TOSCANO

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EDUCATION

Harris School of Public Policy, University of Chicago   *September 2019 - Present*
Master of Science in Computational Analysis and Public Policy

Universidad de las Américas Puebla, Mexico   *August 2012 - June 2017*
Bachelor of Arts in Economics   *Magna Cum Laude Distinction*
1st Place in the Empirical Research Thesis Competition in Puebla State   July 2017

PROFESSIONAL EXPERIENCE

Deep Dive   *June 2020 - August 2020*
Data Science Intern (Part-time)

· Collaborated in the development of the company's NLP toolkit.
· Used various NLP methods such as LDA and Clustering of Word Embeddings and Document Embeddings to classify and group more than 50,000 Mexican News.

Mexican Embassy at Washington D.C.   *June 2020 - August 2020*
Analyst Intern (Part-time)   *Immigration Department*

· Studied the evolution of the anti-immigrant sentiment in the U.S. through the analysis of hate groups and hate crime data.
· Built an interactive dashboard with R and Shiny that maps anti-immigrant hate groups and anti-Hispanic hate crimes in the U.S.

Banco de México (Central Bank)   *August 2017 - August 2019*
Economist in the Directorate of Economic Studies   *General Directorate of Economic Research*

· Assessed the tone of communication of Banco de Mexico's policy statements using text mining techniques.
· Collaborated in the inflation expectations and financial markets sections for the monetary policy reports and quarterly public reports of the Bank of Mexico. I was responsible for the analysis of the evolution of the Mexican Peso and inflation expectations.
· Analyzed market instruments such as inflation-indexed bonds or swaps of the inter-bank interest rate to obtain implied inflation expectations, risk premium and expected target rate.

AutoTodo Mexicana   *January 2017 - July 2017*
Data Analyst   *E-commerce Department*

· Estimated the potential domestic demand for Mexican Auto-parts in the E-commerce scope.
· Designed the structure of a website traffic report through Google Analytics in order to track the users that get into the new E-commerce website of AutoTodo.

SKILLS

Languages	English & Spanish (Fluent), & French (Intermediate-B1)
Programming Skills	Proficient in R, Python, C# and SQL.
	Familiar HTML and LaTeX
Software & Tools	Intermediate level in Stata and E-views.