

DANIEL SÁNCHEZ

I am a student of economics and causal inference native from Quito, Ecuador. I also have interests in teaching, data science, financial consulting and literature. I am currently an Economics MA student at Simon Fraser University and a Research Associate in Laboratorio de Investigación para el Desarrollo del Ecuador (LIDE).

EDUCATION

- Present
|
Aug. 2022
- **Master of Arts in Economics**
Simon Fraser University 📍 Burnaby, BC, Canada
 - Awarded full funding through a TA position and a Special Entrance Scholarship.
- May 2022
|
Jan. 2017
- **Bachelor of Arts in Economics & Bachelor of Arts in Finance**
Universidad San Francisco de Quito 📍 Quito, Ecuador
 - Bachelor of Arts in Economics: GPA 3.82/4.00. *Magna Cum Laude*.
 - Bachelor of Arts in Finance (Second major): GPA 3.81/4.00 *Magna Cum Laude*.
- May 2020
|
Aug. 2019
- **Exchange Program (MSU Economics)**
Michigan State University 📍 East Lansing, MI, USA
 - GPA 3.92/4.00.
 - Awarded an Exchange Program Scholarship jointly by USFQ and MSU, valued at over 30,000,000 USD.

TEACHING EXPERIENCE

- Present
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Sept. 2022
- **Teaching Assistant**
Simon Fraser University 📍 Burnaby, BC, Canada
 - TA for Professor John Knowles, PhD. in ECON310 Money & Banking.
 - Led tutorial sessions four times a week as principal instructor in groups of 15-20 students.
 - Managed the course LMS and gradebook, created and graded assignments, quizzes and exams. Attended students during office hours and tutorial sessions.
- Dec. 2021
|
Sept. 2020
- **Teaching Assistant**
Universidad San Francisco de Quito 📍 Quito, Ecuador
 - Teaching assistantship for Santiago José Gangotena Ruiz, PhD.
 - Assisted for three semesters in Introduction to Economics and Austrian School Economics courses, totalling 6 sections with 20-40 students per section.
 - Managed the course LMS and gradebook, created and graded assignments, quizzes and exams. Attended student during office hours and lectures.

CONTACT

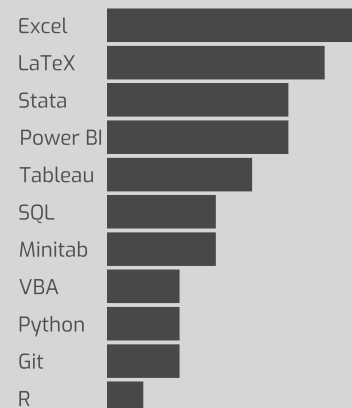
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LANGUAGES

Spanish: Native
English: Advanced
French: Basic

SKILLS



Made with the R packages *datadrivencv* and *pagedown*.

The source code is available [on my GitHub profile](#).

Last updated on October 2022.

Apr. 2021



Instructor

ECEL Research Group

📍 Quito, Ecuador (remote)

- Instructor for the *Introductory LaTeX: Preparing high level documents* course, taught remotely in April 2021.
- Course materials available on [GitHub](#).



RESEARCH EXPERIENCE

Apr. 2022

|

Jan. 2022



Research Intern

SCVS del Ecuador

📍 Guayaquil, Ecuador (remote)

- 3-month internship in the research division of Superintendencia de Compañías, Valores y Seguros del Ecuador (SCVS) one of the top supervisory and regulatory institutions in the country.
- Contributed to the production of research papers written by the institution's authors, which involved econometric modelling and literature reviews.
- Wrote a research paper which was submitted and published at the institutions academic journal, *X-Pedientes Económicos*.

My research interests are centered in applied econometrics/causal inference, labor, education and the economics of corruption.



INDUSTRY EXPERIENCE

Present

|

May
2022



Data Analyst

Milmoh, S.L.

📍 Valencia, Spain (remote)

- Data analyst consultant position (by-hours contract) at a SaaS, fully remote company based in Spain.
- Data wrangling, analysis and visualization with Power BI, Tableau, Microsoft Excel and R.
- Management and structuring of data using PostgreSQL and Power Query Editor.

July
2018

|

May



Finance Intern

Banco de la Producción S.A. (Produbanco)

📍 Quito, Ecuador

- Internship in the Finance division of one of Ecuador's largest financial institutions.
- Worked with historical data on the Bank's income statements to create Microsoft Excel dashboards, presenting periodical results to the CFO and division leaders.

July 2017

|

May



Accounting Intern

Baker Tilly Ecuador

📍 Quito, Ecuador

- Internship in the Accounting Services division of an international Top 10 Auditing/Financial Consulting firm.
- Aided in the reporting of the clients' financial information to numerous public entities.
- Attended meetings and training sessions on accounting and finance concepts to be used in the company's day-to-day activities.
- Translated financial documents from English to Spanish and Spanish to English.



RESEARCH

July
2022

Una perspectiva cuantitativa sobre las protestas en Ecuador

Blog article at [El Quantificador](#). ISSN 2953-6456.

- An article posted on LIDE's quantitative-oriented, general-interested blog, El Quantificador. Title in English: *A quantitative perspective on the Ecuadorian protests*.
- The article analyzes survey data from the AmericasBarometer using R on the attitudes of Ecuadorians towards protests. The source code was made available as a [GitHub](#) repository.

Apr. 2022

Immunizing the Economy: A Causality Discussion on Vaccines and Economic Recovery

Peer-reviewed publication at [X-Pedientes Económicos](#)

- The paper investigates the causal effect of vaccination on business creation in Ecuador, using data on several monthly variables at the province level to implement a TWFE difference-in-differences estimator. Source code made available on [GitHub](#) and [RPubs](#).
- Found that on average, provinces with more apparent vaccine hesitancy create about 25% less businesses than provinces which are not.
- Reference: Sanchez Pazmiño, D. H. (2022). *Immunizing the Economy: A Causality Discussion on Vaccines and Economic Recovery*. X-Pedientes Económicos, 6(14), 65–82.

Dec. 2021

Honesty by Convenience: Corruption Tolerance in Ecuador

B.A. Economics Capstone Project

- A research project presented as the capstone project for the obtainment of the degree of Bachelor of Arts in Economics. Accepted for publication at the undergraduate journal *The Philosophy, Politics and Economics Review*.
- The paper aims to explain, through limited dependent variable models, a jump of corruption tolerance among voting age citizens from 2014 to 2016 in Ecuador. Published source code in [GitHub](#) and [RPubs](#).
- Received USFQ funding for AmericasBarometer database subscription beginning November 2021. Awarded best Fall 2021 USFQ undergraduate capstone.
- [Presented](#) a working paper version at the USFQ School of Economics Undergraduate Conferences Fall 2021 on December 12th, 2021.



AWARDS

March
2022

Special Entrance Award

Simon Fraser University

📍 Burnaby, BC, Canada

- Awarded to the strongest Economics MA applicants.

2021
|
2017

● Chancellor's List

Universidad San Francisco de Quito

📍 Quito, Ecuador

- Honor awarded to Universidad San Francisco de Quito's students with semester grade point averages over 3.7
- Honor awarded in semesters Fall 2019 through 2021, Spring 2017 through 2019 and 2021 through 2022, Summer 2019 through 2020.

May,
2019

● MSU Exchange Program Scholarship

Michigan State University/Universidad San Francisco de Quito

📍 East Lansing, MI, USA

- Award given to Universidad San Francisco de Quito's students selected for the exchange program for Academic Year 2019-2020.
- Selection for this prestigious award and exchange program was done in basis of GPA, TOEFL scores and personal statement quality.
- Valued at over 34,000.00 USD as a Room & Board Waiver at Michigan State University.

Fall 2018

● Dean's List

Universidad San Francisco de Quito

📍 Quito, Ecuador

- Honor awarded to Universidad San Francisco de Quito's students with semester GPA between 3.5 and 3.7.



EXTRACURRICULARS

Present
|
June
2022

● Research Associate

LIDE

📍 Quito, Ecuador

- Research Associate position at LIDE: Laboratorio de Investigación para el Desarrollo del Ecuador (Research Laboratory for the Development of Ecuador) research nonprofit.
- Drafting and publishing of general-interest articles in [El Quantificador](#), LIDE's blog-type website that publishes short, data-oriented articles on social matters to tackle misinformation in Ecuador. These articles involved wrangling, analysis and visualization of data using R.
- Co-autorship of research papers along organization members, including a work in progress to be submitted for publication at The Gerontologist International Spotlight Issue.
- Supervision of the organization's interns: assigning and reviewing tasks, statistics and software teaching, among others.
- Assisted in the implementation of several of the organization's consulting and community outreach projects, including the Data Science Education for Women project, [New Dimensions](#).

June
2022
|
March

● Financial Analysis Volunteer

USFQ Gerontology Community Outreach Project

📍 Quito, Ecuador (remote)

- Assisted the project leader, Jonathan Guillemot, Ph.D. in the economic and financial studies of several products offered by the organization, as well as market research and sales forecasting.

Nov. 2021
|
January

● Academic Club Membership

ECEL Research Group

📍 Quito, Ecuador

- An academic club membership for an experimental economics oriented club based off USFQ's School of Economics.
- Weekly discussion of economics academic papers and support organizing events.
- Organized and taught an introductory LaTeX course on April 2021, with course materials uploaded to GitHub.

July
2019
|
May

● Volunteer

Ángeles de Guadalupe Foundation

📍 Quito, Ecuador

- Support in the care of children and in the preparation of their daily academic and didactic activities.
- Proposed and developed a didactic long-term project of didactic activities for the children, to be implemented in the Foundation beginning August 2019.



ADDITIONAL EDUCATION

August
2022

● Skill Track: Statistics Fundamentals with R

DataCamp

July
2022

● Career Track: Data Analyst with R

DataCamp

June
2022

● Skill Track: Power BI Fundamentals

DataCamp

June
2022

● Skill Track: Tableau Fundamentals

DataCamp

June
2022

● Intermediate SQL

DataCamp

May
2021

● Bloomberg Market Concepts

Bloomberg Education

Nov. 2020

● Advanced Microsoft Word

Universidad San Francisco de Quito

📍 Quito, Ecuador (remote)

Nov. 2020

● Data Analytics for Decision Making with Python

Universidad San Francisco de Quito

📍 Quito, Ecuador (remote)

Nov. 2016
|
Aug. 2016



University Pathway Advanced English
ILSC Vancouver

📍 Vancouver, BC, Canada

- Three-month academic English course diploma in Vancouver, Canada. Involved three major academic English courses and six additional courses on academic writing, speaking and business English.
- Awarded an Honors mention for attendance and participation diploma upon diploma completion.