

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, literature and videogames. 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 a TA position and a Special Entrance Scholarship.
- May 2022
|
Jan. 2019
- **Bachelor of Arts in Finance**
Universidad San Francisco de Quito (USFQ) 📍 Quito, Ecuador
 - Second major. GPA 3.81/4.00 (Magna Cum Laude).
- Dec. 2021
|
Jan. 2017
- **Bachelor of Arts in Economics**
Universidad San Francisco de Quito 📍 Quito, Ecuador
 - GPA 3.82/4.00 (Magna Cum Laude).
- May 2020
|
Aug. 2019
- **Exchange Program (MSU Economics)**
Michigan State University 📍 East Lansing, MI, USA
 - GPA 3.92/4.00.



TEACHING EXPERIENCE

- Present
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Sept. 2022
- **Teaching Assistant**
Simon Fraser University 📍 Burnaby, BC, Canada
- 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 (Honours and Regular) and Austrian School Economics courses, totalling 6 sections with 20-40 students per class section.
 - Maintained the Desire2Learn virtual classroom: created quizzes and dropboxes for assignments, managed gradebooks, uploaded content, posted notices, held practice sessions, among others.

CONTACT

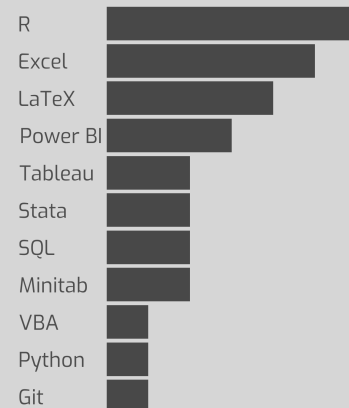
✉ dsanchezp998@gmail.com
✉ daniel_sanchez@sfu.ca
🌐 <https://daniel-ec.netlify.app>



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 August 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

Present
|
June
2022

Research Associate

LIDE

📍 Quito, Ecuador

- Senior Research Associate position at Laboratorio de Investigación para el Desarrollo (Research Laboratory for the Development of Ecuador, LIDE for its initials in Spanish), an Ecuadorian NGO focused on quantitative-oriented research on public policy and socioeconomic issues.
- 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-authorship of research papers along organization members, including a work in progress to be submitted for publication at The Gerontologist.
- 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](#).

Apr. 2022
|
Jan.

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 on key Ecuadorian issues.
- Wrote a research paper which was submitted and published at the institutions academic journal, *X-Pedientes Económicos*.



INDUSTRY EXPERIENCE

Present
|
May
2022

Data Analyst

Milmoh, S.L.

📍 Valencia, Spain (remote)

- Data analyst position at a SaaS, fully remote company based in Spain.
- Data wrangling, analysis and visualization with Power BI and Tableau.
- Data management and analysis with PostgreSQL, Power Query Editor and data connections to Power BI and Tableau Dashboards.

My research interests are the economics of corruption as well as labor and education economics, but I think that if any research question is interesting, it is worth pursuing for me.

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](#)

- A quantitative-oriented, general interest article posted on LIDE's blog-type website, 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, but other estimation procedures are discussed to identify a more precise causal effect.
- 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.
- The paper aims to explain, through limited dependent variable models, a jump of corruption tolerance among voting age citizens from 2014 to 2016, with the data from the AmericasBarometer. Published source code in [GitHub](#) and [RPubs](#).
- Received USFQ funding for AmericasBarometer database subscription beginning November 2021. Awarded best Fall 2021 USFQ undergraduate capstone. Currently undergoing review in the undergraduate journal *The Philosophy, Politics and Economics Review*.



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

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.