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 Investigaci<U+00F3>n 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 | 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 Jos<U+00E9> Gangotena Ruiz, PhD. Assisted in Introduction to Economics and Austrian School Economics courses.
- Mantained the Desire2Learn virtual classroom: created quizzes and dropboxes for assignments, managed gradebooks, uploaded content, posted notices, attended queries, held practice sesions, among others. 20-40 students per class section.

View this CV online with links here.

CONTACT

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https://daniel-ec.netlify.app

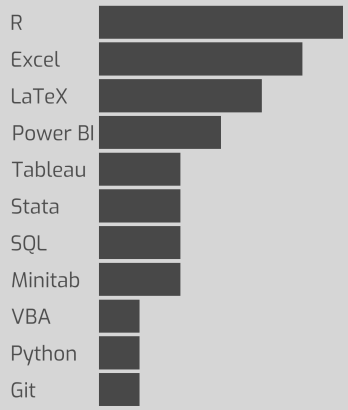
LANGUAGES

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 course Introductory LaTeX: Preparing high level documents, taught virtually in April 2021.
- Course materials available on GitHub[1]

RESEARCH EXPERIENCE

Present | June 2022

Research Associate

LIDE — Quito, Ecuador

- Senior Research Associate position at Laboratorio de Investigaci<U+00F3>n para el Desarrollo (Research Laboratory for the Development of Ecuador, LIDE for its initials in Spanish), an Ecuadorian NGO an Ecuadorian NGO focused on quantitative-oriented research on public policy and socieconomic 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-autorship in research papers with other members of the organization, including a work in progress to be submitted for publication at The Gerontologist.
- Leadership and supervision of the organization's interns, including supervision on their commitments to the organization, hours worked, statistics and computing office hours, among others. See below for implementation of the New Dimensions project.
- Assisted in the implementation of several of the organizations consulting and community outreach projects, including Data Science Education for Women New Dimensions, market research and electoral consulting, among others.

Apr. 2022 | Jan.

Research Intern

SCVS del Ecuador — Guayaquil, Ecuador (remote)

- 3-month internship in the research division of Superintendencia de Compa<U+00F1><U+00ED>as, Valores y Seguros del Ecuador (SCVS) one of the top supervisory and regulatory institution in Ecuador.
- Contributed to the production and review of research papers written by authors in the division, which involved econometric modelling and literature reviews on key issues about the Ecuadorian economy.
- Wrote a research paper which was submitted and published at the institutions academic journal, *X-Pedientes Econ<U+00F3>micos*.

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.
- Database management, wrangling and analysis as well as query editing in 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 Producci<U+00F3>n S.A. (Produbanco) — Quito, Ecuador

- Internship in the Finance division of one of Ecuador<U+2019>s largest financial institutions.
- Worked with historical, high frequency data on the Bank<U+2019>s income statement to create Microsoft Excel dashboards. Produced reports on the bank<U+2019>s performance and presented 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<U+2019> financial information to numerous public entities. Attended meetings and training sessions on accounting and finance concepts to be used in the company<U+2019>s day-to-day activities.
- Translated financial documents from English to Spanish and Spanish to English.

RESEARCH

Apr. 2022

Immunizing the Economy: A Causality Discussion on Vaccines and Economic Recovery[2]

X-Pedientes Econ<U+00F3>micos

- The paper investigates the causal effect of vaccination on business creation in Ecuador. Source code made available on GitHub and RPubs.
- Used data on several monthly variables at the province level to implement a TWFE difference-in-differences estimator. 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 Pazmi<U+00F1>o, D. H. (2022). Immunizing the Economy: A Causality Discussion on Vaccines and Economic Recovery. X-Pedientes Econ<U+00F3>micos, 6(14), 65<U+2013>82.

Dec. 2021

Honesty by Convenience: Corruption Tolerance in Ecuador[3]

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<U+2019>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<U+2019>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<U+2019>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

<U+00C1>ngeles 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

July 2022

Career Track: Data Analyst with R[4]

DataCamp

June 2022

Skill Track: Power BI Fundamentals[5]

DataCamp

June 2022

Skill Track: Tableau Fundamentals[6]

DataCamp

June 2022

Intermediate SQL[7]

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.