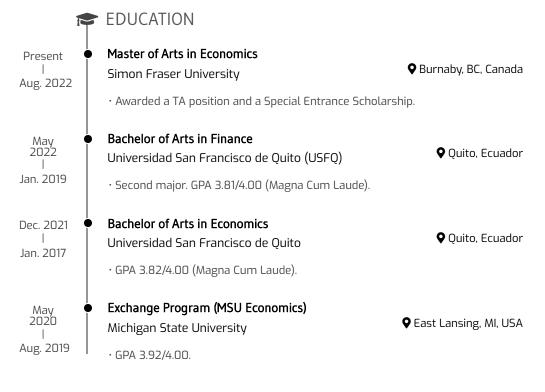# DANIEL SÁNCHEZ

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

### Master of Arts in Economics
Simon Fraser University

Present | Aug. 2022

Burnaby, BC, Canada

· Awarded a TA position and a Special Entrance Scholarship.

### Bachelor of Arts in Finance
Universidad San Francisco de Quito (USFQ)

May 2022 | Jan. 2019

Quito, Ecuador

· Second major. GPA 3.81/4.00 (Magna Cum Laude).

### Bachelor of Arts in Economics
Universidad San Francisco de Quito

Dec. 2021 | Jan. 2017

Quito, Ecuador

· GPA 3.82/4.00 (Magna Cum Laude).

### Exchange Program (MSU Economics)
Michigan State University

May 2020 | Aug. 2019

East Lansing, MI, USA

· GPA 3.92/4.00.

## TEACHING EXPERIENCE

### Teaching Assistant
Simon Fraser University

Present | Sept. 2022

Burnaby, BC, Canada

### Teaching Assistant
Universidad San Francisco de Quito

Dec. 2021 | Sept. 2020

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.
· Mantained the Desire2Learn virtual classroom: created quizzes and dropboxes for assignments, managed gradebooks, uploaded content, posted notices, held practice sesions, among others.

## LANGUAGES

**Spanish**: Native

**English**: Advanced

**French**: Basic

## SKILLS

- R
- Excel
- LaTeX
- Power BI
- Tableau
- Stata
- SQL
- Minitab
- VBA
- Python
- Git

**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 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 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.

**Finance Intern**

July
2018
|
May

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.

**Accounting Intern**

July 2017
|
May

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

**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.