

DANIEL SÁNCHEZ

Economics MA student at Simon Fraser University | Causal Inference & Applied Econometrics | R



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 among over a hundred applicants.
- Relevant coursework: Econometrics, Applied Econometrics, Labour Economics.

May
2022
|
Jan. 2017

Bachelor of Arts in Economics & Finance

Universidad San Francisco de Quito

📍 Quito, Ecuador

- B.A. Economics: GPA 3.82/4.00 *Magna Cum Laude* & B.A. Finance (Second major): GPA 3.81/4.00 *Magna Cum Laude*.
- Relevant coursework: Statistics I & II, Corporate Finance, Valuation, Investments, Financial Markets, Project Finance, Quantitative Modelling, Accounting I & II.

May
2020
|
Aug. 2019

Exchange Program (MSU Economics)

Michigan State University

📍 East Lansing, MI, USA

- Selected among 50+ applicants for an award valued at over 30,000 USD. GPA 3.92/4.00.
- Relevant coursework: Econometrics I & II, International Finance, Money & Banking.



RESEARCH EXPERIENCE

I am interested in research on causal inference and applied econometrics in political economy, labour economics and program evaluation.

Apr. 2022
|
Jan. 2022

Research Intern

SCVS del Ecuador

📍 Guayaquil, Ecuador (remote)

- Contributed to the production of empirical papers and literature reviews & wrote a research paper.

CONTACT

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🌐 <https://daniel-ec.netlify.app>

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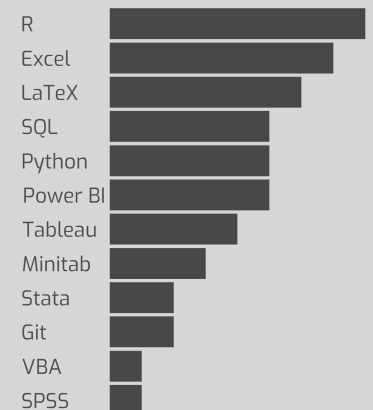
LANGUAGES

Spanish: Native

English: Advanced

French: Basic

SKILLS



Made with the R packages
datadrivencv and *pagedown*.

Source code available on [GitHub](#).

Last updated on January 2023.



INDUSTRY EXPERIENCE

Present
(occasional)
|
March
2022

Corporate Finance Consultant

LVM Consulting

📍 Quito, Ecuador (hybrid)

- Assisted in corporate finance consulting work on an occasional per-job basis for 10+ investment banking projects of large companies in Ecuador.
- Supported the creation of discounted cash flow (DCF) and comparable multiples valuation models in MS Excel.
- Developed business research in the Bloomberg Terminal, S&P Capital IQ and EMIS platforms to calibrate and evaluate valuations.

Present
(part-time)
|
May
2022

Data Analyst

Milmoh, S.L.

📍 Valencia, Spain (remote)

- Managed and structured data models with PostgreSQL and Power Query Editor to then wrangled, analyze and visualize data with Power BI, Tableau, MS Excel and R, creating powerful dashboards and reporting pipelines to aid European clients in business decisions.
- Developed business documents and presented data analytics results to clients, including key business insights.

July
2018
|
May

Finance Intern

Banco de la Producción S.A. (Produbanco)

📍 Quito, Ecuador

- Supported the project finance associate 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 which effectively communicated branches and main office financial performance to bank leadership.
- Developed periodical reports and slideshows using bank data which eased the communication of bank's results to the chief financial officer and various department leaders.

July 2017
|
May

Accounting Intern

Baker Tilly Ecuador

📍 Quito, Ecuador

- Participated as an intern in the Outsourcing 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.



TEACHING EXPERIENCE

Present
|
Sept. 2022

Teaching Assistant

Simon Fraser University

📍 Burnaby, BC, Canada

- Cooperating with SFU Economics as a TA for John Knowles, PhD. in ECON310 Money & Banking (Fall 2022) and Josh Bidner, PhD. in ECON355W Economic Development (Spring 2023).
- Lecturing in seminar tutorials four times a week with of 15-20 students of varying levels of quantitative acumen, transmitting complex economic concepts and facilitating their understanding.
- Coordinating with professors and co-TAs to prepare class seminars, manage the course LMS & attend students during weekly office hours. Creating and grading assignments and exams.

- Dec. 2021
|
Sept. 2020
- **Teaching Assistant**
Universidad San Francisco de Quito 📍 Quito, Ecuador
 - Participated as a teaching assistant for Introductory Economics and Austrian Economics courses, managing course materials, creating and grading assignments and exams, attending students during office hours. 20-40 students per semester.
 - **Instructor**
ECEL Research Group 📍 Quito, Ecuador (remote)
 - Developed and taught the *Introductory LaTeX: Preparing high level documents* course, taught remotely in April 2021 by the [ECEL Research Group](#).
 - Lectured for 7 hours about the LaTeX programming language, facilitating the transmission of complicated programming concepts and exercises to 15 participants, using the Overleaf LaTeX interface and remote teaching methods, resulting in 95% participant satisfaction.
 - Developed didactic and effective course materials through LaTeX, available on [GitHub](#) including complicated code snippets in LaTeX as well as applications of the markup language with R and Stata.



RESEARCH

- July 2022
- **[A quantitative perspective on the Ecuadorian protests](#)**
Blog article at [El Quantificador](#). Original title in Spanish: Una perspectiva cuantitativa de las protestas en Ecuador (ISSN 2953-6456).
 - Analyzed survey data from the AmericasBarometer using R on the attitudes of Ecuadorians towards protests. Source code in [GitHub](#).
 - **[Immunizing the Economy: A Causality Discussion on Vaccines and Economic Recovery](#)**
Peer-reviewed publication at [X-Pedientes Económicos](#)
 - Investigated the causal effect of COVID-19 vaccination on business creation in Ecuador, implementing a difference-in-differences estimator. Source code made available on [GitHub](#) and [RPubs](#).
 - **[Honesty by Convenience: Corruption Tolerance in Ecuador](#)**
B.A. Economics Capstone Project, Accepted for publication at the [The Philosophy, Politics and Economics Review](#).
 - Explained, through limited dependent variable models, a jump of corruption tolerance among voting-age citizens from 2014 to 2016 in Ecuador. Awarded best Fall 2021 USFQ undergraduate capstone among 20+ students. Source code in [GitHub](#) and [RPubs](#).
- Apr. 2022
- Dec. 2021

★ EXTRACURRICULARS

Present
|
June
2022

● Research Associate

LIDE

📍 Quito, Ecuador

- Participating in a Research Associate position at Laboratorio de Investigación para el Desarrollo del Ecuador (Research Laboratory for the Development of Ecuador, LIDE) research nonprofit.
- Drafting and publishing of general-interest articles in [El Quantificador](#), LIDE's blog for short, data-oriented articles on social matters in Ecuador. These articles involved wrangling, analysis and visualization of data using R.
- Co-autorship of research papers with 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.
- Assisting in the implementation of several of the organization's non-research 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

- Participated as a member for an experimental economics oriented academic club based off USFQ's School of Economics.
- Discussed of economics academic papers weekly and supported organizing events for the university community.
- 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

- Supported the care of children and 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

● [SFU Data Fellowships: AI Essentials](#)

Nov. 2022

- Remote synchronic [course](#) which covered data management & artificial intelligence concepts using Python, valued at 2,000 CAD.

● DataCamp Certificates

Jun. - Dec. 2022

- [Career Track: Data Analyst with R](#) & [Skill Track: Statistics Fundamentals with R](#)
- [Skill Track: Tableau Fundamentals](#) & [Skill Track: Power BI Fundamentals](#) & [Intermediate SQL](#).
- Includes several courses on R, Power BI, SQL & Tableau, see complete list [here](#).

May 2021	<ul style="list-style-type: none"> Bloomberg Market Concepts Bloomberg Education 	<ul style="list-style-type: none"> Remote asynchronous certification
Nov. 2020	<ul style="list-style-type: none"> Advanced Microsoft Word Universidad San Francisco de Quito 	<ul style="list-style-type: none"> Quito, Ecuador (remote)
Nov. 2020	<ul style="list-style-type: none"> Data Analytics for Decision Making with Python Universidad San Francisco de Quito 	<ul style="list-style-type: none"> Quito, Ecuador (remote)
Nov. 2016 Aug. 2016	<ul style="list-style-type: none"> University Pathway Advanced English ILSC Vancouver 	<ul style="list-style-type: none"> Vancouver, BC, Canada
	<ul style="list-style-type: none"> Assisted a three-month academic English diploma in Vancouver, Canada. Involved three major academic English courses and six additional courses on academic writing, speaking and business English. Awarded an honours mention for attendance and participation diploma upon diploma completion. 	