DANIEL SÁNCHEZ

Experienced data analyst and applied researcher skilled in R, Python, SQL & Power BI. Focused in providing data-oriented insight with clear and effective communication.

✉ daniel_sanchez@sfu.ca

📞 +1 236-308-8801

🔗 daniel-ec.netlify.app

💼 SELECT INDUSTRY EXPERIENCE

Present | March 2022

Corporate Finance Consultant
LVM Consulting 📍 Quito, Ecuador (remote)

· Assisted in corporate finance consulting *on an occasional per-job basis* for 10+ projects with 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 valuations.

Apr. 2023 | May 2022

Data Analyst
Milmoh, S.L. 📍 Valencia, Spain (remote)

· Wrangled, analyzed and visualized data with Power BI, Tableau and R, creating powerful dashboards and reporting pipelines to aid 10+ European clients in business decisions.
· Developed business documents and presented monthly results to clients, including key business insights.
· Managed and structured data models with PostgreSQL to deploy and mantain assets in Power BI, Tableau and R.

Present | Sept. 2022

Teaching Assistant
Simon Fraser University 📍 Burnaby, BC, Canada

· Cooperating with SFU Economics as a TA.in ECON310 Money & Banking (Fall 2022), ECON355W Economic Development (Spring 2023) & ECON103 Principles of Microeconomics (Summer 2023).
· Lecturing in tutorials 2-4 times a week with 15-20 students of varying levels of quantitative acumen.
· 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.

🎓 EDUCATION

Present | Aug. 2022

Master of Arts in Economics
Simon Fraser University 📍 Burnaby, BC, Canada

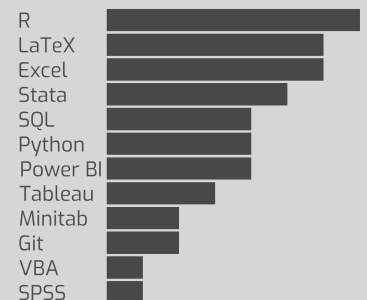· Awarded full funding among 100+ applicants.

HIGHLIGHTS

Applied researcher in causal inference and data analytics using the R software package & other tools.

Avid communicator of complicated concepts through analytical writing & detail-oriented visualizations and reports.

Corporate finance proficiency: valuation, investment analysis and business/market research.

TECHNICAL SKILLS

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

Spanish: Native, **English**: Advanced (TOEFL 119/120), **French**: Basic.

Last updated on June 2023. Made with the R packages datadrivencv and pagedown. Source code available on GitHub.

This is a short CV. Please visit my personal website for more information.

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 & B.A. Finance, GPA 3.81/4.00 *Magna Cum Laude*.

May 2020 | Aug. 2019	**Exchange Program (MSU Economics)** Michigan State University	📍 East Lansing, MI, USA

· Selected among 50+ applicants for a 30,000 USD award. GPA 3.92/4.00.

💻 SELECT RESEARCH EXPERIENCE & PROJECTS

Present | June 2022	**Research Associate** LIDE	📍 Guayaquil, Ecuador (remote)

· Co-autorship of research papers with organization members, including a work in progress to be submitted for publication at The Gerontologist International Spotlight Issue.
· Drafting and publishing of articles in El Quantificador, LIDE's blog for short, data-oriented articles on social matters, which involved wrangling, analysis and visualization of data using R.
· Assisting in the implementation of several of the organization's projects, including education on data science for women, New Dimensions.

March 2023

Honesty by Convenience: Corruption Tolerance in Ecuador

Peer-reviewed publication at the undergraduate journal *The Philosophy, Politics and Economics Review*.

· Explained, through limited dependent variable models, a jump of corruption tolerance from 2014 to 2016 in Ecuador. Awarded best Fall 2021 USFQ undergraduate capstone among 20+ students. Source code in GitHub and RPubs.

Apr. 2022

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 TWFE DD estimator. Source code available on GitHub and RPubs.

🎓 CERTIFICATES

DataCamp Certificates

Jun. 2022 - Present

· Data Scientist with R Career Track, Data Analyst with R Career Track, Data Visualization with R Skill Track, Statistics Fundamentals with R Skill Track.
· Tableau Fundamentals Skill Track, Power BI Fundamentals Skill Track, Intermediate SQL.
· Includes several other courses, see a complete list of courses finished here.

Introduction to Stata 15

Mar. 2023

Simon Fraser University Data Fellowships: AI Essentials

Nov. 2022

· Course covering data management & artificial intelligence using Python, valued at 2,000 CAD.