

DANIEL SÁNCHEZ PAZMIÑO

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



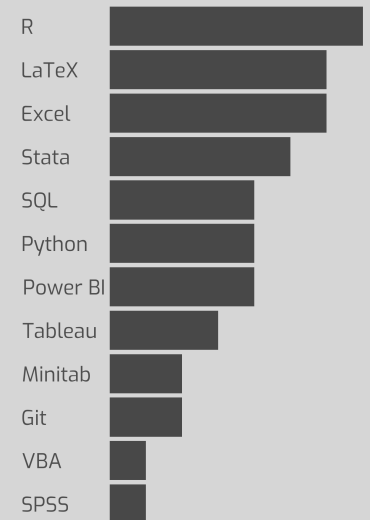
🎓 EDUCATION

- Present
|
Aug. 2022
- **Master of Arts in Economics**
Simon Fraser University 📍 Burnaby, BC, Canada
 - Awarded full funding among 100+ applicants.
- 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.

👤 TEACHING EXPERIENCE

- 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.
- Jul. 2023
|
Apr.
- **Teaching Assistant**
[LIDE](#) 📍 Guayaquil, Ecuador (remote)
 - Assisted instructors for the Business Analytics for Women education program, New Dimensions, in SQL and Power BI.
 - Coordinating with professors and co-TAs to prepare class seminars, manage the course LMS & attend students during weekly office hours. Creating and grading assignments.

TECHNICAL SKILLS



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

Last updated on May 2023. Made with the R packages [datadrivencv](#) and [pagedown](#). Source code available on [GitHub](#).

- Dec. 2021
|
Sept. 2020
- **Teaching Assistant**
Universidad San Francisco de Quito 📍 Quito, Ecuador
 - Cooperated with USFQ Economics as a TA for courses in Introductory Economics & Austrian School Economics.
 - Prepared class seminars, managed the course LMS & attended students during office hours.
 - Created and graded assignments and exams and held tutorial sessions 4-5 times a semester.
- Apr. 2021
- **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 LaTeX, facilitating the transmission of complicated programming concepts and exercises to 15 participants, using the Overleaf LaTeX interface.
 - Developed course materials with LaTeX, available on [GitHub](#) including applications of the markup language with R and Stata.

RESEARCH EXPERIENCE & AFFILIATIONS

- 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](#).
- Apr. 2022
|
Jan. 2022
- **Research Intern**
SCVS del Ecuador 📍 Guayaquil, Ecuador (remote)
 - Contributed to the production of empirical papers and literature reviews, notably, a paper on family businesses on Ecuador
 - Produced original research using SCVS administrative data, later published in the institution's peer-reviewed journal.

RESEARCH

- 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](#).
- March 2023
- **[Three problems for the quantitative analysis of femicides in Ecuador](#)**
Blog article at [El Quantificador](#) (ISSN 2953-6456).
 - Analyzed administrative crime data from Ecuador along with a coauthor using R. Source code available in [GitHub](#).
- July 2022
- **[A quantitative perspective on the Ecuadorian protests](#)**
Blog article at [El Quantificador](#) (ISSN 2953-6456).
 - Analyzed survey data from the AmericasBarometer using R. Source code in [GitHub](#).

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](#).



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 maintain assets in Power BI, Tableau and R.

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.



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
 - Participated as a member for an experimental economics oriented academic club based off USFQ's School of Economics.
 - Discussed 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

- **DataCamp Certificates**
Jun. 2022 - Present
 - [Data Analyst with R](#) Career 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
- **[Data, Economic Modeling, and Forecasting with Stata](#)**
Mar. 2023
- **[Simon Fraser University Data Fellowships: AI Essentials](#)**
Nov. 2022
 - [Course](#) covering data management & artificial intelligence using Python, valued at 2,000 CAD.
- **LinkedIn Certificates**
Various dates
 - R Programming & Microsoft Excel.

May
2021

- **Bloomberg Market Concepts**
Bloomberg Education 📍 Remote asynchronous certification

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)
 - Completed a remote asynchronous course on data wrangling and visualization using Python and Google Data Studio.

Nov. 2016
|
Aug. 2016

● **University Pathway Advanced English**
ILSC Vancouver

📍 Vancouver, BC, Canada

- 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.