CAIO C. VELASCO

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*Brazilian engineer who holds a Master's degree in Economics and Public Policy from UCLA, with a full scholarship from the Lemann Foundation and the General Electric Foundation for academic excellence. Experience ranges from Business Analysis, Product Ownership, Data & Analytics Engineering, to Advanced Math, Statistics, and Causal Inference. **I live in Barcelona and I'm available for Autónomo/Contractor/B2B/Freelancer**.*

Tech stack: Git/Github, Docker, AWS, Snowflake, SQL, Python, dbt, Airflow, PowerBI.

Check my [Portfolio](#)!

EDUCATION

TILBURG UNIVERSITY   Tilburg, Netherlands
*PhD in Economics (**unfinished**)*   *August 2020 – December 2021*
- Top 5 European Economics Department. Main topics: Advanced Math, Statistics, Microeconomics, Causal Inference.
- *Due to family issues in Brazil during the Covid-19 pandemic, I quit the PhD and transitioned to data science*.

UNIVERSITY OF CALIFORNIA LOS ANGELES - UCLA   Los Angeles, USA
Master of Economics and Public Policy   *August 2017 – June 2019*
- Top 15 university worldwide (*The Times Higher Education World University Rankings*).
- Main topics: Econometrics, Microeconomics. Awarded a full scholarship from the Lemann Foundation.

FEDERAL UNIVERSITY OF RIO DE JANEIRO - UFRJ   Rio de Janeiro, Brazil
Bachelor of Science in Mechanical Engineering   *December 2012*
- Top 8 Latin American university (*QS Latin America University Rankings 2023*).
- Highest grade award in the class of 2012 of 100+ students.

PROFESSIONAL EXPERIENCE

DATA ENGINEERING – FREELANCE OPPORTUNITIES   UK/Brazil
Freelancer Data Engineer (Remote Job, multiple clients)   *February 2024 – Present*
- **Feng Brasil**
  - Collaborating with Feng Brasil, an IT Consulting firm working with Brazil's top 10 football clubs, on a 3-month project to enhance their online transaction systems and enable data-driven decision-making.
  - Developed a new Data Architecture solution to transition ETL processes to dbt, utilizing DuckDB, AWS, and Snowpipe for automated data integration.
- **IAG - International Airline Group**
  - Collaborated with IAG, one of the world's largest airlines group, on a 3-month project to assist in the migration of SQL code into dbt models of their ETL processes. Tech stack: PowerBI, Git, AWS, dbt, Snowflake, Python, and SQL.

BLUE ORANGE DIGITAL, A.I. & DATA ANALYTICS CONSULTING   New York, USA
Product Owner & Analytics Engineer (Remote Job, Self-Employed)   *May 2022 – December 2023*
- Led the development of customizable reporting tools (control panels, dashboards, reports).
- Managed multiple stakeholders (Data Engineers, Back/Frontend Developers, Product Designers).
- Improved data quality and migrated legacy SQL code into dbt models for a Unified Data Model.

ROYAL HOLLOWAY UNIVERSITY OF LONDON   Egham, England
Pre-Doctoral Assistant to Professor Juan Pablo Rud (Remote Job, Self-Employed)   *November 2019 – Abril 2020*
- Econometric analysis with STATA and Python (numpy, pandas) for a World Bank research project about the relationship between climate change and agricultural productivity in African countries.

UNIVERSITY OF CALIFORNIA LOS ANGELES   Los Angeles, USA
Research Assistant to Professor Adriana Lleras-Muney   *September 2018 – July 2019*
- Econometric analysis with STATA for a project on the relationship between family planning and access to welfare.

MEPREPARA, ONLINE DIGITAL PRODUCT   **Rio de Janeiro, Brazil**
Founder   *May 2016 – Present*
- Designed a fully automated math course to prepare low-income Brazilians for the mathematics part of GRE / GMAT exams, required at prestigious MBA and PhD programs worldwide.

AOG EDUCATION CONSULTING   **São José dos Campos, Brazil**
Senior Consultant   *January 2015 – December 2015*
- Examined two large private schools' operations in two different states in Brazil. Mapped processes on the staffing structure, budget preparation, enrollment procedures. Developed a plan of action for improvements.

STONE CO, CREDIT CARD PROCESSOR   **Rio de Janeiro, Brazil**
Entrepreneur in Residence   *December 2012 – December 2014*
- Stone is a Brazilian FinTech unicorn startup. I was its first employee, reporting directly to the founders. I designed the first draft of Stone's credit card reconciliation process, which included authorization, settlement, chargeback, adjustments, and receivables. Worked with multiple stakeholders (product, engineering, finance).

AWARDS

KOOPMANS SCHOLARSHIP, TILBURG UNIVERSITY, NETHERLANDS, 2020
- Awarded the Koopmans Scholarship for academic excellence.

LEMANN FOUNDATION SCHOLARSHIP, UCLA, USA, 2017
- Top young professionals from Brazil with academic excellence who were accepted for a master program at Harvard, Stanford, MIT, Columbia, UCLA, or Oxford.

GLOBAL PRE-MBA LEADERSHIP PROGRAM, YALE UNIVERSITY, USA, 2013
- Top 60 young people all over the world selected to explore MBA education, sponsored by Goldman Sachs.

CHANGE COURSE CONFERENCE, THE CLUB OF ROME, SWITZERLAND, 2012
- Top 60 young people all over the world selected to explore MBA education.

MECHANICAL ENGINEERING, FEDERAL UNIVERSITY OF RIO DE JANEIRO, 2012
- Awarded the highest recognition due to the highest grade among all mechanical engineering students.

BRAZILIAN GOVERNMENT & USA DEPARTMENT OF EDUCATION, 2011
- Full Scholarship for the best engineering students to study engineering at North Carolina State University in the USA.

GENERAL ELECTRIC SCHOLAR-LEADER PROGRAM, BRAZIL, 2010
- Global scholarship awarded to the top 10 Brazilian engineering students with both leadership and social skills.

SKILLS

- **Technical**:
    - Tech Stack: Git, GitHub, ETL, SQL, Python, dbt, AWS, Snowflake, Power BI, Microsoft Office.
    - **GitHub Portfolio**
    - *Currently learning Docker, DuckDB , Airflow*.
- **Languages**: Portuguese (Native), English (Fluent), Spanish (Intermediate).