GABRIEL BUSTAMANTE FERRADA SILVA
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EXPERIENCE

TRIMTAB IMPACT   Atlanta and New York, USA
Impact-first asset manager incubated by The ImPact and Blue Haven Initiative, backed by MacArthur Foundation; AUM: $100M
Portfolio Modeling Summer Associate   Summer 2025
- Eliminated manual portfolio construction by leading the design of a multi-objective optimization platform, enabling investment teams to construct portfolios with integrated financial and impact constraints, reducing build time by +90%
- Improved portfolio risk allocation decisions by orchestrating scenario analysis and efficient-frontier simulations, enabling portfolio managers to rebalance strategies and improve risk/return outcomes by 18%

ITAÚ   Sao Paulo, Brazil
Largest financial institution in Latin America (across 18 countries); NYSE/B3-listed with $492B in AUM (2024)
Senior Data Scientist (2022-2024) • Data Scientist (2020-2022) • Data Science Excellence Program (2019)   2019 – 2024
AI Practice Co-Lead, Experimentation Team
- Reframed product innovation across digital channels by co-leading the design of an AI-driven experimentation platform, enabling product and design leaders to accelerate feature ideation and testing, increasing iteration speed by 25%
- Scaled online experimentation capacity by leading GenAI integration across journey mapping and test design, enabling 400+ PMs and designers to run 150% more concurrent experiments and accelerate go/no-go decisions
- Expanded online experimentation capabilities by orchestrating partnerships with MIT CSAIL and Spotify, scaling Itaú's Experimentation Platform (i.e. A/B, multivariate, and multi-armed bandit testing) to 10,000+ experiments annually

Corporate Venture Builder, Beta Team
- Reduced time-to-MVP uncertainty by leading data and ML workstreams across venture teams, enabling sponsors to test ten business hypotheses, launch two ventures, and shorten development cycles by 33%
- Supported credit committee approval by leading algorithmic pricing design for secondary consortia lending, enabling a new venture to capture 34% of a $6B market and exceed CDI+5% profitability within 90 days

Data Science Lead, Macroeconomics Research Team
- Improved political risk monitoring by leading development of a real-time Engagement Index, enabling macro and strategy teams to outperform 538 and RealClearPolitics benchmarks in the U.S. election and approval forecasts
- Supported C-level macro views by developing the Bloomberg-featured IDAT (Itaú Daily Activity Tracker), enabling $2.1B in tactical portfolio reallocations with 92% GDP correlation (Bloomberg: ALLX PIBI)

DELOITTE   Sao Paulo, Brazil
Consultant (2018-2019) • Senior Business Analyst (2017-2018) • Business Analyst (2017)   2017 – 2019
- Standardized enterprise data governance by leading Data Office designs for two Fortune 500 clients, enabling C-suite and IT leaders to align technology, governance, and execution
- Informed national digital policy designs by co-leading Brazil's Ministry of Science and Technology Digital Transformation Study, assessing five ICT infrastructures and advising government stakeholders on integration priorities

EDUCATION

MIT SLOAN SCHOOL OF MANAGEMENT   Cambridge, US
Candidate for MBA, May 2026   2024 - Present
- Teaching Assistant for Analytics & Advanced Analytics of Finance; AI Executive Academy; AI Masterclass MIT Immersion

UNIVERSIDADE DE SÃO PAULO   Sao Paulo, Brazil
Applied and Computational Mathematics Degree; major in Economic Statistics - rank 2nd out of 50   2018 – 2022
Engineering Degree   2011 – 2016

INSTITUTO TECNOLÓGICO DE AERONÁUTICA   Sao Paulo, Brazil
Data Science: ML & AI Postgraduate Degree - rank 1st out of 30, summa cum laude   2019

ARTS ET MÉTIERS PARISTECH   Paris, France
Master of Engineering   2014– 2016
- Technical University of Munich, *Exchange at Entrepreneurship Research Institute*   Munich, Germany

ADDITIONAL INFORMATION

Languages & Technical Skills
- Portuguese (native); English (fluent, CAE/C1); French (fluent, TFI/C1); Spanish (limited working proficiency)
- Python, R, SQL (full working proficiency)

Publications & Research
- *Investment Management:* Optimizing Investment Portfolios: A Framework with Dynamic Risk Aversion Adjustment
- *AI and Neural Networks:* Meta-Learning Approach for Model Selection in Time-Series Forecasting
- *Business Innovation:* Balancing Innovation and Complexity: Product Portfolio Management in an Innovative Company

Mentoring & Thought Leadership
- Represented technical perspectives in a live interview on Jornal da Globo (March 31st, 2020), Brazil's leading late-night news program (~2M viewers), discussing AI-driven COVID-19 treatment protocols for hospitals during the 2020 surge
- Mentored 35+ senior executives in MIT IDSS Data Science and Machine Learning Program, supporting leadership decision-making on AI strategy and adoption

Hobbies & Interests
- hiking (Fuji, Acatenango, Andes); global travel (25+ countries); learning to DJ (DJ: History, Technique & Technology)