

EDUARDO ADAME SALLES

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Educational Background

> MS. in Applied Mathematics and Data Science

Mar/2025 – Mar/2027

School of Applied Mathematics, Getulio Vargas Foundation (FGV EMAP).
Rio de Janeiro, Brazil.

Full scholarship estimated in 110k BRL (\approx 20k USD by Dec. 2024).

> BS. in Data Science and Artificial Intelligence - GPA: 9.3/10

Feb/2021 – Dec/2024

School of Applied Mathematics, Getulio Vargas Foundation (FGV EMAP).
Rio de Janeiro, Brazil.

Graduate-level (MS. and PhD.) courses taken with grade A during undergraduate studies: Advanced Linear Algebra, Numerical Analysis, Visual Data Analysis, Computational Statistics, Statistical Inference, Probability Theory, Real Analysis, Mathematical Biology, Stochastic Processes, Stochastic Calculus and Causal Inference.

Full scholarship from FGV's Center for the Mathematics and Science Development (FGV CDMC), achieved by previous awards (Math Olympiads) during high school. Estimated in 300k BRL (\approx 50k USD by Dec. 2024).

Presentations on the 43rd National Congress of Applied and Computational Mathematics (CNMAC) and VII Latin American Meeting on Bayesian Statistics (COBAL). Awarded with the ICIAM Fellowship CNMAC 2024.

Workshop paper on Statistical Frontiers in LLMs and Foundation Models at NeurIPS 2024.

Academic Experience

> Teaching Assistant

Feb/2022 – Today

School of Applied Mathematics at FGV (FGV EMAP).

Supported more than 10 undergraduate and graduate courses, contributing to curriculum development and student engagement.

> Professor / Author

2023 – 2024

FGV In Company

Designed and launched a comprehensive LaTeX course available online. Developed an introductory web development course in 2024, also available online, focusing on HTML, CSS, and web systems.

Professional Experience

> Consultant

Feb/2023 – Jun/2025

The World Bank Group.

I work in developing, applying, fitting, improving, and optimizing econometric models for geospatial land use data in Latin America and the Caribbean (LAC). Currently, we are handling a dataset comprising tens of millions of entries, for which I am also responsible for data cleaning and processing. I primarily use PyTorch for scalability with NVIDIA CUDA. This contract is expected to last until June 2025.