

Alison Sousa

São Paulo, SP, Brazil
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EDUCATION

- Development Bank of Latin America and the Caribbean** 2024
Professional Development Program in Econometrics and Mathematics
- Escola Superior de Propaganda e Marketing (ESPM)** 2024
B.A. in International Relations
Thesis: Semiconductors (Honorable Mention) | Advisor: José Luiz Pimenta Junior
Academic Programs: Zuyd University of Applied Sciences (Netherlands), Meiji University (Japan)

PUBLICATIONS AND WORKING PAPERS

- Alison Sousa and João Maia. Phase Transitions and Uniqueness of the Gibbs Measure in Ising Models with Variable Magnetic Field: Extension to Long-Range Interactions. *Working paper*, pages 1–12, April 2025.
- Alison Sousa, Michelle Ratton, and Vera Thorstensen. The Effects of Trump-Era Tariffs on Emerging Economies' Strategies: Challenges and Opportunities for Brazil–China Economic Relations. *Policy Brief*, pages 1–9, April 2025.
- Alison Sousa and Rodrigo Cintra. Western relationship, China and Taiwan: Approach Using Econometrics to Assess Tensions. *Working paper*, pages 2–21, October 2024.
- Alison Sousa and Alexandre Uehara. The Triangular Relationship between the United States, China, and Taiwan under Xi Jinping: A Study on Interstate Tensions from a Foreign Policy and Security Perspective. *Scientific Initiation*, May 2023.
- Alison Sousa and Igor Gondim. International Diversification via ETFs from the Perspective of the Sharpe Ratio. *In Proceedings of the 33rd ENANGRAD Conference on Finance*, pages 1–15, November 2022.
- Alison Sousa, Alexandre Uehara, and Han Kim. The Triangular Relationship Among the United States, Taiwan, and China at the Onset of Joe Biden's Administration. *Research Brief, Mapa Mundi*, October 2022.
- Alison Sousa, Alexandre Uehara, and Han Kim. Why Should You Invest Your Money in J-REITs in Japan? *Finance Brief, Mapa Mundi*, April 2022.
- Alison Sousa, Alexandre Uehara, and Han Kim. Is It Worthwhile for Brazilians to Invest in ETFs in South Korea? *Finance Brief, Mapa Mundi*, December 2021.

RESEARCH ASSISTANCE

- Beijing International Center for Mathematical Research** 2025
Research Assistance
Supervisor: João Maia
- Asian Business Center** 2021-2023
Research Assistance
Supervisors: Alexandre Uehara and Han Kim

TEACHING EXPERIENCE

- School of International Relations - ESPM** 2022
Economic Development (TA, Undergraduate)

CONFERENCES AND TALKS

- 33rd ENANGRAD, Santa Catarina 2022
- Asian Business Center, São Paulo 2022

OTHERS EXPERIENCES

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| Ministry of Science, Technology, and Innovations of Brazil Embedded Systems Technician (Program coordinated by Softex). | 2024-2025 |
| Brazilian Bar Association Arbitration Committee Member. | 2023-2024 |
| China Construction Bank Developed new risk models and statistical analysis. | 2023 |
| Ministry of Foreign Affairs of Brazil Developed new processes for chancellery and business expansion. | 2022 |
| South Korean Consulate Research Member. | 2021-2022 |

AWARDS, FELLOWSHIPS AND HONORS

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| Awarded Honorable Mention Galapagos Capital | 2025 |
| Awarded Honorable Mention Undergraduate Thesis | 2024 |
| Awarded Honorable Mention CFA Institute | 2022 |
| Awarded Best Undergraduate Technical Paper | 2022 |
| Academic Merit Recognition Meiji University | 2021 |
| Merit Scholarship Undergraduate | 2020-2024 |
| Merit Scholarship College Preparatory Programs | 2020 |

SKILLS

Languages: Portuguese (Native); English (Fluent); Spanish (Fluent); Mandarin (Basic); Dutch (Basic).

Software's: Python (sklearn, pandas, matplotlib), R (stan, tidyverse, ggplot2), VBA.