

# Alison Cordeiro Sousa

MSC · MATHEMATICS AND COMPUTER SCIENCE

University of São Paulo (USP)

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## Education

<b>University of Sao Paulo (USP)</b> M.SC. IN MATHEMATICS AND COMPUTER SCIENCE • <b>Thesis Advisor:</b> João Neto • <b>Dissertation Title:</b> Development of a Multivariate Model Applied to Economic Development.	São Paulo, Brazil 2025 - PRESENT
<b>Escola Superior de Propaganda e Marketing (ESPM)</b> B.A. IN INTERNATIONAL RELATIONS (with Honors) • <b>Thesis Advisor:</b> José Pimenta • <b>Dissertation Title:</b> Analysis of Semiconductor Internationalization to Japan. • Visiting student at Zuyd University of Applied Sciences, 2021 • Visiting student at Meiji University, 2021	São Paulo, Brazil 2024

## Research Assistance

<b>Asian Business Center</b> SUPERVISOR: ALEXANDRE UEHARA	São Paulo, Brazil 2021 - 2023
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## Publications and Working Papers

<b>ESPM São Paulo (Working Paper)</b> AN ECONOMETRIC ANALYSIS OF STRATEGIC TENSIONS IN THE TRIANGULAR RELATIONSHIP BETWEEN THE WEST, CHINA, AND TAIWAN (JOINT WITH RODRIGO CINTRA)	2024
<b>33rd ENANGRAD</b> INTERNATIONAL DIVERSIFICATION VIA ETFs: A SHARPE RATIO PERSPECTIVE (JOINT WITH IGOR GONDIM)	2022

## Presentations

<b>33rd ENANGRAD</b> PRESENTER	Santa Catarina, Brazil 2022
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## Honors & Awards

INTERNATIONAL		
2022	<b>Awarded Certificate of Distinction</b> , CFA Research Challenge	São Paulo & Charlottesville, U.S.A
2021	<b>Awarded Academic Distinction</b> , Meiji University	Tokyo, japan
DOMESTIC		
2024	<b>Awarded Academic Distinction</b> , ESPM-SP	São Paulo, Brazil
2024	<b>Awarded Honorable Mention in Undergraduate Thesis</b> , ESPM-SP	São Paulo, Brazil
2023	<b>Outstanding Quantamental Challenge</b> , Itaú Asset Management	São Paulo, Brazil
2022	<b>Awarded Best Undergraduate Technical Report</b> , SIGALEI & ESPM-SP	São Paulo, Brazil

## Teaching Assistance

2019	<b>Economic Development</b> , under supervision of Professor Marcus Nakagawa	ESPM-SP
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## Skills

<b>Programming</b>	Julia; $\LaTeX$ ; Python; R; VBA
<b>Languages</b>	Portuguese (Native); English (Fluent); Spanish (Fluent); Mandarin (Basic)