

# Alison Sousa

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## Education

<b>University of São Paulo</b> M.Sc. IN COMPUTER SCIENCE • <b>Thesis Advisor:</b> João Neto • <b>Dissertation Title:</b> AI Applied to Epidemiological Risks and Its Impact on the Economic Development of São Paulo	2025
<b>University of São Paulo</b> B.Sc. IN CHEMICAL ENGINEERING • <b>Thesis Advisor:</b> Patricia R. • <b>Dissertation Title:</b> GaN and Si: Semiconductor Production for AI Applications	2025
<b>Escola Superior de Propaganda e Marketing</b> B.A. IN INTERNATIONAL RELATIONS ( <i>with Honors</i> ) • <b>Thesis Advisors:</b> José Pimenta and Mario Ogasavara • <b>Dissertation Title:</b> Internationalization of Semiconductor Production to Japan • Visiting student at Zuyd University of Applied Sciences, 2021 • Visiting student at Meiji University, 2021	2024

## Research Assistance

<b>FEA/USP</b> SUPERVISORS: GILMAR MASIERO AND MARIO OGASAVARA	2025
<b>Imperial College London</b> SUPERVISOR: GABRIEL RAMOS	2025
<b>ESPM/SP</b> SUPERVISOR: ALEXANDRE UEHARA	2021-2023

## Publications

<b>33rd ENANGRAD</b> INTERNATIONAL DIVERSIFICATION VIA ETFs: A SHARPE RATIO PERSPECTIVE (JOINT WITH IGOR GONDIM)	2022
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## Presentations

<b>33rd ENANGRAD</b> PRESENTER	2022
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## Awards

2025	<b>Research Grant Recipient</b> , FAPESP
2024	<b>Honorable Mention Award</b> , ESPM/SP
2024	<b>Academic Excellence Award</b> , ESPM/SP
2023	<b>Distinction Award</b> , Itaú Asset
2022	<b>Distinction Award</b> , CFA Institute
2022	<b>Best Technical Report Award</b> , SIGALEI
2021	<b>Highest Grade Achievement</b> , Poli/USP
2020	<b>ENEM Scholarship</b> , ESPM/SP
2020	<b>Merit Scholarship Recipient</b> , CPV School
2020	<b>Merit Scholarship Recipient</b> , Objetivo School
2020	<b>Merit Scholarship Recipient</b> , Anglo School

## Teaching Assistance

2021	<b>Economic Development</b> , TA Undergraduate
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## Skills

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