

Alison Sousa

alison.sousa@usp.br

Education

University of São Paulo 2025

M.SC. IN COMPUTER SCIENCE

- **Thesis Advisors:** João Neto
- **Dissertation Title:** AI Applied to Epidemiological Risks and Its Impact on the Economic Development of São Paulo

University of São Paulo 2025

B.SC. IN CHEMICAL ENGINEERING

- **Thesis Advisor:** Patricia R.
- **Dissertation Title:** GaN and Si: Semiconductor Production for AI Applications

Escola Superior de Propaganda e Marketing 2024

B.A. IN INTERNATIONAL RELATIONS (*with Honors*)

- **Thesis Advisor:** José Junior
- **Dissertation Title:** Internationalization of Semiconductor Production to Japan
- Visiting student at Zuyd University of Applied Sciences, 2021
- Visiting student at Meiji University, 2021

Research Assistance

Imperial College London 2025

SUPERVISOR: GABRIEL RAMOS

Escola Superior de Propaganda e Marketing 2021 - 2023

SUPERVISOR: ALEXANDRE UEHARA

Publications

33rd ENANGRAD 2022

INTERNATIONAL DIVERSIFICATION VIA ETFs: A SHARPE RATIO PERSPECTIVE
(JOINT WITH IGOR GONDIM)

Presentations

33rd ENANGRAD 2022

PRESENTER

Awards

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

Teaching Assistance

- 2021 **Economic Development**, TA Undergraduate

Skills

- Programming** Julia; \LaTeX ; Python; R; VBA
- Languages** Portuguese (Native); English (Fluent); Spanish (Fluent); Mandarin (Intermediate)