Alison Sousa

Education

University of São Paulo *2025*
M.Sc. in Computer Science
- **Thesis Advisor:** 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 Advisors:** José Pimenta
- **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

FEA/USP *2025*
Supervisor: Gilmar Masiero

Imperial College London *2025*
Supervisor: Gabriel Ramos

ESPM/SP *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

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

Teaching Assistance

2021	**Economic Development**, TA Undergraduate

Skills

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