

ALISON CORDEIRO SOUSA

 alison-sousa
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 alison-sousa.github.io

PROFESSIONAL EXPERIENCE

AI Engineer

Asibras Trading

 2025

 São Paulo, SP, Brazil

- Developing machine learning models;
- Using Generative AI for predictive models;
- Integrating via APIs and managing Big Data pipelines;
- Handling data versioning, security, and cataloging.

CEO

SMTech

 2024 – 2025

 São Paulo, SP, Brazil

- Developed software via APIs for data visualization;
- Used Machine Learning techniques for predictive models;
- Analyzed trends in dynamic dashboards.

Intern

China Construction Bank

 2023

 Beijing, China

- Supported data engineering to develop dashboards;
- Optimized spreadsheets using VBA;
- Assisted in responding to regulatory bodies and audits.

Summer Job

Ministry of Foreign Affairs

 2022

 Brasília, DF, Brazil

- Created charts for data visualization;
- Assisted with task automation using Python and VBA;
- Supported administrative management for consulates.

EDUCATION

M.S. in Computer Science

University of São Paulo

 2025

 São Paulo, SP, Brazil

- Teaching Assistant

B.S. in Chemical Engineering

University of São Paulo

 2025

 São Paulo, SP, Brazil

B.A. in International Relations

Escola Superior de Propaganda e Marketing

 2024

 São Paulo, SP, Brazil

- Merit Scholarship
- Teaching Assistant
- Exchange Program

RESEARCH EXPERIENCE

Research Assistant

FEA-USP

⌚ 2025

📍 São Paulo, SP, Brazil

- RA under the supervision of Gilmar Masiero

Research Assistant

Imperial College London

⌚ 2025

📍 London, UK

- RA under the supervision of Gabriel Ramos

Research Assistant

ESPM

⌚ 2021 – 2023

📍 São Paulo, SP, Brazil

- RA under the supervision of Alexandre Uehara

TEACHING EXPERIENCE

Teaching Assistant

USP

⌚ 2025

📍 São Paulo, SP, Brazil

- TA in Supervised Internship, under Diego Silva

Teaching Assistant

ESPM

⌚ 2021

📍 São Paulo, SP, Brazil

- TA in Economic Development, under Marcus Nakagawa

AWARDS

- Distinction Award at the CFA Research Challenge
- Distinction Award at Itaú Asset
- Best Student Award
- Best Research Award

SKILLS

Languages

- Portuguese (Native)
- English (Fluent)
- Spanish (Fluent)
- Mandarin (Intermediate)

Programming

- Python
- R
- L^AT_EX
- SQL
- Power BI
- VBA
- Excel
- JavaScript
- HTML
- CSS