

# ALISON CORDEIRO SOUSA

 alison-sousa  
 alison-sousa  
 alison.sousa@usp.br  
 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<sup>A</sup>T<sub>E</sub>X
- SQL
- Power BI
- VBA
- Excel
- JavaScript
- HTML
- CSS