

Luís Pazzanese

Machine Learning / AI / LLM Internship

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Computer Engineering student at Insper with a strong Python foundation and a track record of building real automation and data systems. Hands-on experience integrating LLM APIs into end-to-end applications and developing data-collection and visualization pipelines for finance. Solid grounding in low-level programming and offensive security. Fluent in English. Seeking an applied-AI internship to build products powered by language models.

EXPERIENCE

Technology Intern (Back Office) — Zagros Capital (asset manager, R\$ 2B+ AUM) Mar 2025 – Sep 2025

- Built Python web-scraping scripts to pull quarterly fund reports and automatically consolidate Excel sheets with up-to-date metrics by fund type (CRI-backed REITs, FIDCs, and others).
- Developed an interactive Streamlit dashboard with a long-polling mechanism that captured the prior day's NAV PDF daily, updating fund values with no manual intervention.
- Implemented interactive per-asset charts, replicated across the firm's entire fund portfolio, giving the team a consolidated, always-current view of holdings.

PROJECTS

LLM-powered page reader — *Chrome extension, LLM API, Telegram bot*

- Chrome extension triggered by a keyboard shortcut that captures the active page's content, sends it to an LLM API, and delivers the processed answer through a Telegram bot — a full end-to-end LLM application.

Personal portfolio (mywispy.com) — *Astro, Three.js, WebAssembly*

- Static site with interactive 3D elements and an embedded CTF challenge compiled to WebAssembly, deployed on Cloudflare Pages.

Real-time embedded systems — *Raspberry Pi Pico 2 / RP2350, FreeRTOS, C*

- A set of 7 open-source FreeRTOS projects on RP2350 microcontrollers (I2C/MPU sensors, OLED, ADC/PWM, interrupts, timers), published on GitHub.

TECHNICAL SKILLS

Languages	Python, C, x86 Assembly, JavaScript
AI / Data	LLM APIs, model integration, web scraping, Streamlit, data visualization
Systems / Web	FreeRTOS, React, Astro, WebAssembly, Git, Linux
Security	Web exploitation (SQLi, XSS), basic cryptography, CTF

INFORMATION SECURITY

Member — Insper Security (SEC)

- Among the club's top CTF competitors, focused on web exploitation (SQL injection, XSS) and cryptography. Authored multiple challenge writeups.

EDUCATION

B.Sc. in Computer Engineering — Insper, São Paulo expected 2028.2

LANGUAGES

Portuguese (native) | English (fluent — international schooling in the UK and Canada)