

## Contact

+5551993227244 (Mobile)

ewurch@gmail.com

[www.linkedin.com/in/eduardowurc](https://www.linkedin.com/in/eduardowurc)

(LinkedIn)

[parka.cc](http://parka.cc) (Portfolio)

[ewurch.github.io](https://ewurch.github.io) (Blog)

## Top Skills

System Architecture

SOC 2

Google Cloud Platform (GCP)

## Languages

Inglês (Native or Bilingual)

Português (Native or Bilingual)

Espanhol (Professional Working)

## Certifications

Machine Learning

Responsive Web Design

The Complete Traefik Training Course

Deep Learning for Coders

Introduction to Credit Risk Management

# Eduardo Würch

AI Engineer @ Labrynth | System Architecture, SOC 2

Porto Alegre, Rio Grande do Sul, Brazil

## Summary

As an AI Engineer at Labrynth, I design and maintain scalable AI systems that process multimodal data and orchestrate multi-step AI agents. I lead the development of AI agents and workflows for core company products, while building evaluation pipelines to optimize system performance and guide model selection.

I graduated with a degree in Ciências Atuariais from Universidade Federal do Rio Grande do Sul in December 2021. My technical expertise focuses on system architecture, scalable AI solutions, and SOC 2 compliance, complemented by a strong foundation in software engineering and data science.

## Experience

Labrynth

AI Engineer

August 2025 - Present (5 months)

San Francisco, CA

- Designed and maintained a scalable AI system that processes unstructured data and orchestrates multi-step AI agents.
- Led the end-to-end development of AI agents and workflows for core company products.
- Built evaluation pipelines to assess agent performance, guiding model selection and system optimization.

Parka

Co-Founder & Technical Leader

July 2024 - Present (1 year 6 months)

Porto Alegre, Rio Grande do Sul, Brazil

- Co-Founder and Technical Leader at PARKA, a software boutique specializing in the full digital product lifecycle.

- Architected and implemented end-to-end digital solutions, enhancing user experience and client satisfaction.

- Developed full-stack applications utilizing Python, TypeScript, Django, NextJS, React, and HTMX.
- Transitioned clients from outdated WordPress sites to modern applications with PayloadCMS, showcasing cutting-edge technology.

**Swisscom**

**Software Engineer**

March 2023 - August 2024 (1 year 6 months)

Rotterdam, South Holland, Netherlands

- Design and develop backend APIs and services using FastAPI and Python.
- Test-driven development (TDD) methodology by writing unit tests for all backend code changes, ensuring code quality, reliability, and maintainability.

**BoletoFlex**

**Machine Learning Engineer**

October 2021 - July 2022 (10 months)

Florianópolis, Santa Catarina, Brasil

- Created the architecture and implemented a FastAPI microservice to register and validate customer's identities.
- Built an XGBoost machine learning model, that enabled end-to-end credit granting automation, taking the company from 0% to +50% automatic approval and ~0% increase in default rates.

Utilized PyTorch framework to create an internal anti-fraud computer vision algorithm that outperformed market alternatives.

**Sicredi**

**Data Scientist**

September 2019 - October 2021 (2 years 2 months)

Porto Alegre, Rio Grande do Sul, Brasil

- Built the first machine learning model for credit granting of the institution, reducing 96% of manual processes on simpler credit operations.
- Created a web app with the Dash framework to enable real-time tracking of default rates when hit by the pandemic.
- Implemented software engineering practices into business team activities (containerization, version control, documentation, etc).
- Took strategic decisions based on context, data, and return.
- Developed metrics, benchmarks credit goals to the institution.
- Implemented software engineering best practices into business activities (process documentation, code version control - git, etc).

**Santander Brasil**

**Risk Analyst**

January 2019 - September 2019 (9 months)

Porto Alegre e Região, Brasil

- Created models to determine the impact of defaults in the bank's provision
- Worked in several credit operations analysis
- Supervised Santander's loan portfolio from Rio Grande do Sul and Santa Catarina

**Gente Seguradora**

**Data Analyst**

August 2018 - January 2019 (6 months)

Porto Alegre e Região, Brasil

- Developed and implemented KPI's to keep track of the company's products
- Provided statistical information to price insurance premiums
- Created Dashboards for specific departments of the company
- Automated the production of reports and provided a self-service information service

---

## Education

**Universidade Federal do Rio Grande do Sul**

Bacharelado, Ciências Atuariais · (August 2015 - December 2021)

**ISCTE Business School**

Exchange Program, International and Monetary Economics · (2017 - 2017)