

Bruno Corrêa Zimmermann — Software Engineer

Locality: Porto Alegre, Brazil
Email: brunoczim@gmail.com

Linkedin: [link](#)
GitHub: [link](#)
GitLab: [link](#)

Experience

Terramagna (Agro-Fintech) — Mar. 2022 – Feb. 2023 — Software Engineer

- Developed services backend written in Rust and PostgreSQL, frontend applications written in TypeScript and React, cloud functions in Python;
- Participated in system's design;
- Tested and reviewed my colleagues' work.

Programa de Educação Tutorial (PET) Computação UFRGS (Scholar grant for teaching, research and extension) — Dec. 2019 – Mar. 2022

- Produced "minicourses" materials;
- Developed tools for teachers (such as an assembler, a virtual machine, a few interpreters, and other things);
- Participated in event organizations;
- Published an article.

Education

Universidade Federal do Rio Grande do Sul (UFRGS) — Computer science bachelor (coursing) — Since Mar. 2019

Instituto Federal do Rio Grande do Sul (IFRS) Câmpus Bento — Technical course for internet informatics — Mar. 2015 – Dec. 2017

Papers

[Adaptação dos Minicursos do PET para a Modalidade Online](#)

- Translated name: Adoption of PET minicourses to the online modality;
- Authors: Bruno Corrêa Zimmermann, Jordi Pujol Ricarte, Érika Cota

Highlighted Projects

[lockfree](#)

A collection of concurrent, lock-free data structures (244,000 downloads on crates.io).

[webio](#)

An asynchronous runtime for Rust in WebAssembly.

[fslock](#)

A Rust library that allows you using a file as a lock (1.4 million downloads on crates.io).

Skills

Top programming languages

Rust, C, Haskell, Java, JavaScript, Python, C++

Operating system

Linux

Databases

SQLite, PostgreSQL, MariaDB

Development

Git, GitHub, GitLab, CI/CD

Languages

Native

Portuguese

Fluent

English

Intermediate

Spanish