Bruno Corrêa Zimmermann — Software Engineer

Locality: Porto Alegre, Brazil   **Linkedin:** link
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Experience

Terramagna (Agro-Fintech) — Mar. 2022 – Fev. 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   **Databases**
Rust, C, Haskell, Java, JavaScript, Python, C++   SQLite, PostgreSQL, MariaDB

Operating system   **Development**
Linux   Git, GitHub, GitLab, CI/CD

Languages

Native
Portuguese

Fluent
English

Intermediate
Spanish