

# Bruno Corrêa Zimmermann — Software Engineer

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## 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).

### [andiskaz](#)

A Rust library for writting TUI games or applications.

### [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

### Operating system

Linux

### Databases

SQLite, MariaDB, PostgreSQL

### Development

Git, GitHub, GitLab, CI/CD

## Languages

### Native

Portuguese

### Fluent

English

### Intermediate

Spanish