# Rafael Castro Gonçalves Silva

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## Education

- Santa Catarina State University - Joinville, Brazil - Undergraduate in Computer Science (2017)
  *Graduate Program in Applied Computing (master degree) (2019)*

    - Teaching assistant of Formal Languages by two years

- Participated at Hilbert Bernays Summer School on Logic and Computation 2016 and 2018

- Participated at Coq Andes Summer School 2020

## Languages

|            | Listening | Reading | Speaking  | Writing   |
|------------|-----------|---------|-----------|-----------|
| Portuguese | Native    | Native  | Native    | Native    |
| English    | Competent | Good    | Competent | Competent |

- CEFR Level: B2

## Programming Languages

- Imperatives: C, Python, Ruby, C++, Java, JavaScript, TypeScript, Shell, PHP
- Declaratives: Haskell, Coq, Erlang

  In order of familiarity

## Frameworks

- Ruby: Rails
- JavaScript/TypeScript: Angular JS, Angular 8
- Java: Spring, Spring Boot

## Tools

- OS: Linux and Windows
- Version-control: Git
- Text editors: Emacs, Vim, VSCode
- Markup languages: HTML, Latex
- Virtualization: Docker
- Cloud: Heroku, AWS (Lambda, EC2, S3)
- Style languages: CSS
- Databases languages: SQL

## Brief resume of my qualifications and interests

- General knowledge in Computer Science: solution of combinatorial problems through metaheuristics, complexity theory, parsers implementation, distributed systems and parallel programming.
- Personal interests: functional programming, type systems, property based software tests and formal methods.

## Professional Experience

- Developer in Treasy between Oct/2019 and Nov/2019 (2 months).

## Where to find me

- Personal web-site: https://rafaelcgs10.github.io
- GitHub: https://github.com/rafaelcgs10
- LindedIn: www.linkedin.com/in/rafaelcgs10