Rafael Castro Gonçalves Silva

April 19, 2021
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Education

- Undergraduate in Computer Science (2017) at Santa Catarina State University - Joinville, Brazil

- Master degree in Applied Computing (2019) at Santa Catarina State University - Joinville, Brazil

    - 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, Ruby, Python, Go, C++, Java, JavaScript, TypeScript, Shell, PHP

- Declaratives: Haskell, Coq, Erlang

In order of familiarity

Databases

- SQL: Postgres, MySQL
- Keyvalue: Redis, Bigtable
- Schemaless: Mongo

Frameworks

- Ruby: Rails
- Java: Spring, Spring Boot

Tools

- OS: Linux and Windows
- Version-control: Git
- Text editors: Emacs, Vim, VSCode
- Markup languages: HTML, Latex
- Containerization: Docker, Kubernetes
- Cloud: Heroku, AWS (Lambda, EC2, S3), GCP
- Message service: Google Pubsub
- Style languages: CSS

Brief resume of my qualifications and interests

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

Professional Experience

- Developer in Treasy between Oct/2019 and Nov/2019 (2 months).
- Developer in Magrathea Labs since Mar/2020

Some projects

- W-in-Coq: https://github.com/rafaelcgs10/W-in-Coq
- Bigtable-autoscaler-opeerator: https://github.com/ResultadosDigitais/bigtable-autoscaler-operator

Where to find me

- Personal web-site: https://rafaelcgs10.github.io
- GitHub: https://github.com/rafaelcgs10