

# Isabella Basso do Amaral

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São Paulo, Brazil

I'm passionate about technology and I truly believe that, in collaboration, we can build better software for a better world. My interdisciplinary background allows me to see problems from different perspectives, with strong bases in natural sciences and maths. I'm also a fast learner with a deep interest in getting to the bottom of things. I'm looking for challenges that will help me grow as a professional and as a person, in a career where I can explore the nature of complex systems and their applications, because that's where I believe I can make a difference.

## Experience

### Software Engineer

Red Hat 21/11 – Present

- Working with static analysis CI solutions for Fedora/RHEL RPM packages
- Updated a legacy codebase
- Leading open-sourcing efforts
- Supporting internal userbase

### Internship

Data Machina 21/02 – 21/10

- Worked in a chatbot application
- Worked with payment, delivery, and location API integrations
- Worked with i18n
- Mentored another intern
- Worked directly with clients, in high demand situations

## Activities

### Google Summer of Code participant

[\[summerofcode.withgoogle.com\]](https://summerofcode.withgoogle.com)

22/05 – 22/09

- Worked with AMD engineers to improve unit test coverage on their GPU driver for Linux
- Documented and improved existing code
- Here's a list of my contributions to the Linux Kernel: [\[git.kernel.org/\]](https://git.kernel.org/)
- Here's a talk I gave about the project: [\[youtube.com/\]](https://youtube.com/)

## Skills

### Programming

■ ■ (≥2y): Bash (3y), C (2y),  $\text{\LaTeX}$  (2y) & Python (5y)  
■ ■ (≥1y): C++, C# & Java  
■ ■ (<1y): Haskell & Rust

### Languages

■ ■ ■ Portuguese (native) & English (C1)  
■ ■ ■ German (B1)  
■ ■ ■ French & Spanish