

Isabella Basso do Amaral

✉ isabellabdoamaral@usp.br · 📍 🦋 🐙 @isinyaaa

São Paulo, Brazil

Linux 🐧 enthusiast · ❤️ FOSS

Work experience (mainline)

- **Software Engineer**
Red Hat · Django, SQL, Python, Containers, Bash, C, Git, Remote team collaboration, CI
I currently work with static analysis CI solutions for Fedora/RHEL RPM packages.
November 2021 onwards
- **Backend Developer**
Data Machina · Python, Google Cloud, Firebase, Docker, Git, Agile Methods
- I mentored an intern;
- led the development of an AR solution;
- previously was developing a WhatsApp chatbot;
Team leading talent;
Assisted and led various key maintenance tasks (deploying, setting up CI, etc.).
February 2021 up to October 2021
- **Programmer**
Freelancer · Python & Java
- Part-time computer science tutoring;
- Freelancing for scientific applications.
July 2020 up to January 2021

Current projects (side quests)

- **LKCAMP group** [lkcamp.dev/]
C, Linux · Group member, independent Linux Kernel contributor
- **Kernel mentorship**
Bash, C, Linux · Mentored by AMD GPU engineer, independent Linux Kernel contributor
- **INOVA USP lab**
Bash, Linux · Sys-admin
- **Cryptography and Cybersecurity study club**
Cryptography, Cybersecurity · Group member

Education

- **Molecular Sciences BSc**
emphasis on maths & computer science
Universidade de São Paulo · **Ongoing**
As a scientist by nature, I thrive in interdisciplinary contexts; *that's exactly what my degree is about.*
Scientific guidance student:
- currently looking into the **Linux Kernel & its graphics stack**;
- previous topics were algorithms, & **graph theory**.
2020 onwards
- **Industrial Automation Technical School**
Instituto Federal Fluminense · **Concluded**
Organized **several projects and scientific presentations**;
I was my class' top student
2017 – 2019

Skills

- **Programming**
■ ■ (≥2y): \LaTeX (3y) & Python (4y)
■ ■ (≥1y): Bash, C, C# & Java
■ ■ (<1y): C++, Haskell, Rust
- **Languages**
■ ■ Portuguese (native), English (C1 + 6mo interchange)
■ ■ Spanish
■ ■ French & German