# Isabella Basso do Amaral

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São Paulo, Brazil

Linux 🐧 enthusiast · ♥ FOSS

## Work experience

- 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

## Side projects

- LKCAMP group [lkcamp.dev/]
  Bash, C, Git, Profiling Tools, Linux · Group member, independent Linux Kernel contributor

- Mentorship on the Linux Kernel
  Bash, C, Git, Profiling Tools, Linux · Mentored by an 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 + translation experience)

  ▌▌▐ Spanish

  ▌▐▐ French & German