

Curriculum Vitae

About

I'm Lucas Francesco, 19 yo, Currently living in Sao Paulo, I'm a mechatronics technician by ETEC Professor Basilides de Godoy

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My skills

- Knowledgeable around PIC/AVR/Z80 and some other μ controllers
- RISC-V Assembly and some DSLs for hardware design (Verilog, Chisel)
- Notions about bootloading, safeboot(signed boot chain), knowledgeable about kernels overall
- CAD and drawing tools, prototyping and handling of CNC machines (I have experience especifcally with a Romi 30D lathe but I've been trained to use a CNC miller and other tools), manual lathe operation etc.
- I'm a Linux user since 10yrs, I'm slightly active on the Gentoo community, i know how to use most tools around the linuxverse and i [have a Gentoo overlay](#)
- I do some programming, generally in Rust/RISC-V Assembly/APL/C98
- Some knowledge about newer APIs like Vulkan, have a bit more of knowledge about using OpenGL
- I know how most container system work on Linux, i also have knowledge about build systems and CT

Languages:

Human

- Portuguese: Native
- Spanish: Intermediary
- English: Almost-Fluent
- Italian: Intermediary

Machine

- Lots of exposure but never/rarely used it: C#, R, Nim, Haskell, XeLaTeX, Ruby, Java, APL and Javascript
- I know up to the point of making it work somehow: C++17, python3, Bash and python2
- The ones i have a bit more of knowledge about: Unix C, Markdown and Rust