

HELIOMAR JUNIOR

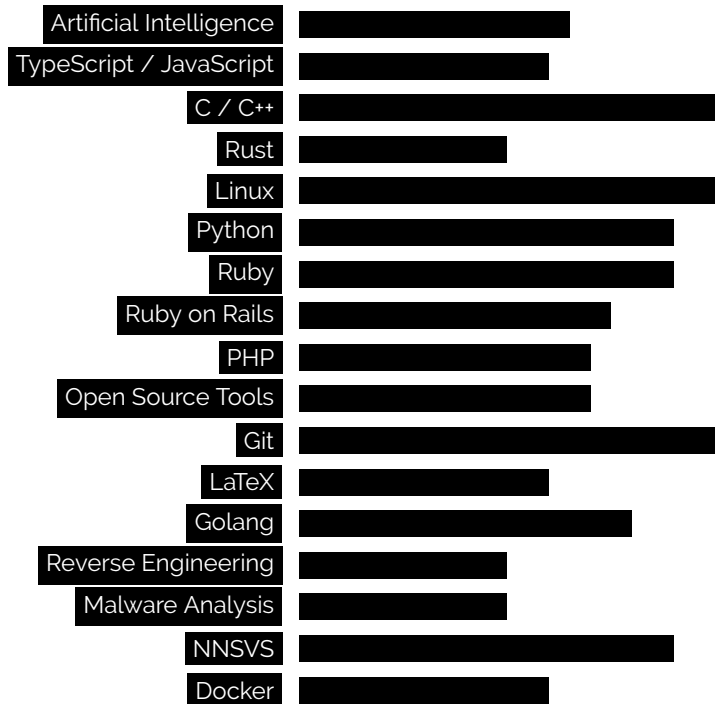
Back-End Software Engineer

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WHO AM I?

I am a Back-End developer and Information Security enthusiast with huge practical skills and a passion for free and Open Source software. I have been studying since childhood and I'm curious from nature, with knowledge in a wide range of technology stacks and programming languages.



HOBBYIST PORTFOLIO PROJECTS

- | | | |
|-------------|--|------------------|
| 🐙 On Github | TalkTalk
A simple blog server-side written in NodeJS with a GraphQL API. Still a work-in-progress.
NodeJS / TypeScript / ExpressJS / GraphQL / Mongoose | Personal project |
| 🐙 On Github | Raytracing in 1 Weekend
A single-threaded CPU-based raytracer which renders 3D geometry to a PPM image. Still needs a refactor.
C++ | Personal project |
| 🐙 On Github | MerlinBank
A fictional bank-like application back-end.
TypeScript / Koa / GraphQL | Personal project |
| 🐙 On Github | KoTH
Some tools for TryHackMe's King of The Hill games.
Bash Scripting | Personal project |
| 🐙 On Github | LaviTeX
A simple typesetting system for taking notes in class very quickly. It takes an input written in a custom language and compiles it to a PDF document. Still in progress.
Rust / Compiler theory | Personal project |

EDUCATION

2020 – 2022	High School	Colégio Sêneca at Vitória da Conquista, BA
2023 – Today	Undergraduate Currently studying Computer Science.	Universidade Ahanguera

LANGUAGES

English - proficient
Portuguese - native
Japanese - still learning

HOBBIES

I love to study the human voice and synthesizing it with AI. I've been making singing AIs in the Japanese language for the past months and it is fun. I also like to write little operating system kernels and to play around with low-level development and compilers.