

# Gonçalo Lopes

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*Software developer with a vast knowledge in computer science, mathematically inclined, creative, and inherently curious, with a strong predisposition to learn. My experience extends beyond technical skills, including communication and management expertise gained from roles in customer-facing companies. I pride myself on being concise, attentive, driven, and goal-focused. Once I set my sights on an objective, I am relentless until I achieve it. And while my educational background and programming experience may not be the most extensive, I more than make up for this with exceptional work discipline.*

## Experience (programming wise)

### Wordpress website and plugin development

*Feb 2022 – Dec 2022*

- I developed an entire wordpress website with custom plugins and functionalities.
- Worked in website back end, using php (wordpress and woocommerce hooks).
- Added most of front end in vanilla javascript (on top of wordpress).

### Javascript / python library

*Mar 2020 – Present*

- Developed several tools for online games, web scraping, discord & telegram bots, and some applications for LLM's (mostly chatgpt).

## Education

### 42 Lisboa – Degree in computer science

*Jan 2021 – Sep 2023*

- Completed over 15 programming projects, ranging from low level coding (C/C++) to an entire nextjs & react, typescript responsive website, with a playable game and messaging features.
- Created a 2D game in C, a "3D" game (also in C) using raycasting principles.
- Created a whole server in C++ capable of hosting multiple websites at the same time (including server side cookies).
- All 5 exams passed with no access to internet / manual: general algorithms deployment, a server written in full in C to serve a group chat, a c++ multi-level exam.
- I have finished the obligatory curriculum of 42 school, allowing me to now have lifelong access to its entire curriculum, enabling me to further improve my skills and a software developer in a wide range of programming languages and concepts.

### NOVA Lisboa – Degree in management (2 years)

*Sep 2017 – July 2019*

## Skills

**Linguistic Skills:** Portuguese: Native | English: Fluent | Spanish: Business Fluent

### Hard Skills:

- C; C++; PHP; vanilla javascript & a variety of frameworks (typescript, next.js, node.js, react); Python;
- Html and CSS (tailwind & pure css);
- Docker (containers) usage & deployment;
- Linux (daily user for 8+ years / power user for 3+ years);
- MySQL, MariaDB and other databases;
- RestAPI & Sockets creation & usage;
- Networking & Cybersecurity;