

# Gonçalo Andrade de Oliveira

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Portfolio - <https://g0dz4ll0.github.io/> LinkedIn - <https://www.linkedin.com/in/goncaloo/>

## SUMMARY

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I'm a passionate and motivated game developer with strong skills in problem solving and gameplay programming. I have developed a plethora of different projects during my professional and academic career that provided me with experience in different tools and frameworks, particularly with Unity and C#. I'm also a fast learner, being able to pick up on new tools and methodologies very quickly.

## EXPERIENCE

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### Critical Path | <https://goncalo-oliveira.itch.io/critical-path>

Programmer

Oct. 2021 - Dec. 2021

Source Code: <https://github.com/g0dz4ll0/Critical-Path>

- Worked on Critical Path with a team of 6 people, a “Tower Defense” game where the player has to defend an organism against invading covid-19 variants.
- Responsible for implementing the whole UI and HUD including its animations and functionality providing responsive and intuitive menus like the tower shop.
- Also, as a solo programmer in the project I helped implement all other mechanics of the game including the AI, camera movement and other game logic.

### Call of Pets: Modern Wizard | <https://vitormoreira.itch.io/call-of-pets-modern-wizard>

Programmer

Jan. 2023 - Dec. 2023

Source Code: <https://github.com/g0dz4ll0/Brackey's-GameJam>

- Initially developed for a Game Jam but which development extended for a little longer. Responsible for the implementation of most systems and mechanics along with another programmer.
- Worked along with a team of 4 developers in a highly dynamic environment and under pressure due to time constraints, still being able to correspond to our expectations and building an enjoyable game;
- Helped on the development of the power-up system, implemented the enemy AI, the player movement and an enemy wave system along with its UI implementations and animations.

### Project-Survival | <https://g0dz4ll0.github.io/projects/projectsurvival.html>

Solo Dev

May. 2022 - Present

Source Code: <https://github.com/g0dz4ll0/Project-Survival>

- Decided to tackle a challenge as a solo dev with a personal hobby project that consists of a survival game with procedural generated levels inspired by Valheim with a cartoony style;
- Created a building system along with its UI functionalities including tooltips, an inventory and a collision detection system;
- Built a procedural generation system using the Unity terrain system based on a seed providing a huge variety in gameplay.
- Implemented a crafting, a hunger and thirst system with its respective UI representations, informations and tooltips.

## EDUCATION

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### Instituto Politécnico de Bragança

BS, Video Game Design

Sep. 2019 - Oct. 2022

Mirandela, Bragança

### Instituto Politécnico do Cávado e do Ave

MS, Video Game Engineering

Oct. 2022 - Present

Barcelos, Braga.

## LANGUAGES

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Portuguese

Native

English

C2

## SKILLS

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Video Game Programming | UX Design | UI Design | UI Programming |  
C# | Python | Java | C++ | Project Management | Team Work | Game Design | Design Patterns | Level Design | Unity | Unreal Engine 4 & 5 | Debugging | Version Control | Git | Agile Methodologies