

# MARC ALCÓN MELIÁ

**C++ PROGRAMMER - GAME DEVELOPER**

Barcelona, Spain

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Junior programmer with over **6+ years of learning**, during which I have **developed** a handful of **games across different genres** and with a **wide range of mechanics**, working together with **people from different departments** (designers, artists, producers, other programmers...). Specially interested in applying **AI or ML** into videogames. Looking forward to use my programming skills and my soft skills to help boost **your company!**

## EXPERIENCE

(Professional experience only, for personal projects check out [my portfolio](#) or [my GitHub profile](#))



### C++ & GAMEPLAY PROGRAMMER (MASTER'S STUDIO)

Horizons Games, Barcelona (Spain)

**JAN 23 - OCT 23**

- Created a fully-fledged **in-house game engine** using mostly C++ and OpenGL.
- Led the gameplay team, **testing and managing** the team's tasks and **ensuring work quality**.
- Established an **open communication** with other departments and helped **integrating** their work.

### GAME DEVELOPER

Jaume I University, Castellón (Spain)

**APR 22 - JUN 22**

- Developed a Unity game to raise awareness about **appearance-related discrimination**.
- Treated topics such as **direct and indirect discrimination**, harassment, **fat-shaming**, racism...
- Applied several **programming patterns** and **met all the deadlines** imposed by the client.

### GAME DEVELOPER (INTERNSHIP)

Mind Trips, Valencia (Spain)

**MAY 22 - JUL 22**

- Enhanced the playability of a **VR escape room** by adding **new mechanics and new puzzles** to it.
- Implement from scratch the **AI system** of a narrative adventure game made in Unity.
- Optimized the performance of a couple projects by **debugging and profiling** its code.

## EDUCATION

### "TECH TALENT", POLYTECHNIC UNIVERSITY OF CATALONIA

Master in Advanced Programming for AAA Videogames (2022 - 2023)

### JAUME I UNIVERSITY

Degree in Design and Development of Videogames (2018 - 2022)

## PROGRAMMING SKILLS

## SOFT SKILLS

C++



Unreal

C#



Unity

Python



• STRONG WORK ETHIC

• CREATIVITY

• PROBLEM-SOLVING

• ATTENTION TO DETAIL

• COMMUNICATIVE

• ASSERTIVENESS

## LANGUAGES

Spanish Native

Catalan Native

English C1 (CAE Cambridge)

French A2 (DEL F A2)

## HOBBIES

During my free time, my go-to pastimes are playing videogames (especially **RPG or rogue-like games** such as **Hades, Fire Emblem, Persona...**) and also reading books (**mystery/thriller books** are my favourite).

I also like to exercise myself when possible and I used to do **handball** and **competitive swimming**.