



Marco Rodriguez

[My Portfolio](#)

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PROFILE

I'm an enthusiastic developer from Ecuador based in Barcelona. I have always enjoyed playing video games in my spare time, once I learnt how to code, I grew to love it, and this has led me to pursue a career in the video game Industry.

During my professional life in the Software Development Industry, I have worked in many diverse teams with people from different fields and roles, from whom I learnt many useful and transferable skills.

I have always enjoyed the puzzles, mechanics, and challenges inside games therefore I'm currently looking for a job as a Gameplay developer.

TECHNICAL SKILLS

- Android
- C#
- C++
- Git
- iOS
- Java
- Javascript
- OpenGL
- PHP
- Typescript
- Unity
- Unreal
- Visual Studio
- Visual Studio Code

RELEVANT EXPERIENCE

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| TwinlightSouls June 2020 - November 2020 | A 3D Game made using our own in-house Game Engine during my Master's degree in Advanced Programming for AAA Video Games. My contributions to this project where: Main Character and enemy movement and collision detection, Enemies spawn zones, Enemy Battle behavior, Enemy State machine. |
| Little Orion Game Engine January 2020 - June 2020 | A full-blown Game Engine made during my Master's degree in Advanced Programming for AAA Video Games. My contributions to this project where: Collision Detection with Bullet3, Event System, Physics Module with Bullet3, UI Module, Hot Reloading for dll. |

EDUCATION

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| Polytechnic University of Catalonia (Spain) October 2019 - November 2020 | |
| Advanced Programming on AAA Video Games | During this degree I learnt the following: AI Programming, Engine Development, Game Design, Gameplay Programming, Graphics Programming. |
| Universidad de las Fuerzas Armadas ESPE (Ecuador) September 2013 - January 2019 | |

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| Software Engineering | During this degree I learnt the following: Artificial Intelligence, Data Bases, Distributed Applications, Operative Systems, Software Architecture, Software Development. |
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EMPLOYMENT

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| IdeaFoster Full stack Developer June 2020 - Present | <p>In this role I am able to code different user interfaces using the most popular languages and frameworks: Xamarin for mobile applications, PHP, C#, and Java for backend and Angular for frontend.</p> <p>I also get the opportunity to lead projects with different clients, where I have to plan the meetings, deadlines and deliverables.</p> |
| Plugthem Lead Developer March 2019 - December 2019 | <p>I was the Lead Developer for a team of 4 developers where I was in charge of organizing and supervising every team member's tasks. I kept track of their progress and I had to deal with the client's project managers.</p> <p>As a developer my tasks involved adding features and supporting the company's products using PHP and C# for backend and Angular for frontend.</p> |
| Kruger Full stack Developer June 2017- September 2018 | <p>As my first job I started as an intern and worked my way up. One of my greatest accomplishments was to optimize the code for processing large amount of information in the shortest time possible.</p> <p>My tasks as a developer were to support and create features for the main core app using Java for backend and Angular for frontend.</p> |

HOBBIES AND INTERESTS

I love to play videogames in my spare time, it has been one of my biggest passions. It all started when I got my first super Nintendo and played Contra, ever since then I've been hooked. For many years I've been a console enthusiast specially for Sony consoles aka PlayStation but since I got my gaming laptop I've been torn between PC and PlayStation.

Another gaming platform that has always caught my attention is Mobile gaming. For me some mobile games are more fun than some AAA titles because the simplicity, addictiveness, and portability that mobile devices bring. You will always have your device with you, and you could resume your game at any moment with zero effort.

Most weekends I love to go outside and have fun with my friends either dancing or going out. I also love to go hiking or trekking, I like the feeling of losing myself in nature and disconnecting from technology for a couple of hours.

One of my biggest passions is swimming. I love rivers, lakes, waterfalls, pools, the sea, and the ocean. If I'm near one of these I will most definitely jump in and get taken away by the waves.

Refences will be provided upon request.