MARC ALCÓN MELIÁ

GAMEPLAY AI PROGRAMMER

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Jaume I University (UJI)

2018 -- 2022

Degree in Design and Development of Videogames (3.15 GPA)

- **Graduated with honors in 3 subjects**
- **9.8 out of 10 in the end-of-degree project**

"Tech Talent", Polytechnic University of Catalonia (UPC)

2022 -- Actualidad

Master in Advanced Programming for AAA Video Games

LANGUAGES

- NATIVE SPANISH
- NATIVE CATALAN
- ENGLISH LEVEL C1
- FRENCH LEVEL A2

PERSONAL SKILLS

- Quick and eager to learn
- Great communication skills
- Think "outside the box"
- Attention to detail
- Strong mathematical skills

My name is Marc Alcón Meliá, and I am a **junior videogame programmer** with a strong passion for them.

Inside the videogame industry my goal is to work as a **Gameplay Programmer** or as an **AI Programmer**, either designing and/or programming the mechanics of a game, or, if not able to do that, introducing Artificial Intelligence techniques to improve the realness and the fun of the games.

WORK EXPERIENCE

GAMEPLAY AI PROGRAMMER AND UI/UX DEVELOPER AT *MIND TRIPS*
April 2022 - June 2022

RESPONSIBILITIES AND OBJECTIVES:

- Develop mechanics intended for a **Virtual Reality** Escape Room, such as collecting objects through the game or programming certain mini-games.
- Apply new assets and interactive elements for a mobile application of **Augmented Reality** puzzles.
- Create a **graphic novel**, like Monkey Island, completely from scratch in **Unity**, programming the following:
  - Scenarios with **unique mechanics** and characters with a wide variety of animations.
  - A fully functional **inventory system** with several items to interact with.
  - **Pathfinding** areas in each room to regulate where the protagonist moves and to calculate his depth in the scenery.

GAME DESIGNER AND GAMEPLAY PROGRAMMER AT A *COLLABORATION SCOLARSHIP* WITH THE *UJI*
May 2022 - July 2022

RESPONSIBILITIES AND OBJECTIVES:

- Design a **narrative videogame**, under some guidelines, which shows the **discrimination** that some people experience when they are hired due to their race, sex, sexual orientation...
- Program that videogame inside **Unity**, with the following characteristics and following what was designed:
  - A **dialogue system** to display various work situations and make the user understand the situation as best as possible.
  - **Storage** of relevant data for statistical purposes.

SOFTWARE USAGE

HIGH KNOWLEDGE

MEDIUM KNOWLEDGE

BASIC KNOWLEDGE