

MANEL HIDALGO AGRAZ

Senior Gameplay Programmer

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EXPERTISE

Senior Gameplay Programmer with over 5 years of experience developing multiplayer and single-player games using Unreal Engine 4 and 5. Specialized in gameplay systems, GAS, AI, and networking in replicated environments. Shipped titles for PC, consoles, and mobile platforms. Strong C++ skills and experience working in collaborative team environments within AA and AAA studios.

PROFESSIONAL EXPERIENCE

SENIOR GAMEPLAY PROGRAMMER | Synergy Games, Spain April 2024 – present

Developed game features in **Reals of Alurya** (Standalone, Epic Games, Steam) such as enemy AI, traps, combat skills, game events, using **GAS** system in a replicated environment.

GAMEPLAY PROGRAMMER | Novarama Technology, Spain August 2019 – April 2024

Worked in different studio projects in **UE4/UE5** most of them being multiplayer and using the GAS system.

QA TESTER | Novarama Technology, Spain Apr 2019 – August 2019

Worked as a tester in all studio projects at that time, catching game bugs and running quality tests.

FULL STACK SOFTWARE ENGINEER | Applus IDIADA, Spain September 2017 – October 2018

Developed internal web apps for the company. Worked with DBs and backend mainly but also some frontend programming. At the time I used Java, Django framework and Android as main techs.

QA TESTER | Digital Legends, Spain July 2016 – September 2016

Worked as a junior tester for my degree's work internship.

EDUCATION

MASTER'S DEGREE | Game Development | Universitat Pompeu Fabra (UPF, Spain) 2018 – 2019

BACHELOR'S DEGREE | Computer Science | Universitat Rovira i Virgili (URV, Spain) 2012 – 2017

LAUNCHED TITLES

REALMS OF ALURYA | PC (Standalone, Steam, Epic Games) | UE5 | Synergy Games, 2025

UNITED 1944 | PC (Steam) | UE5 | Novarama Technology, 2023

KILLSQUAD | PS4 | UE4 | Novarama Technology, 2023

SAMURAI JACK: BATTLE THROUGH TIME | Apple Arcade | UE4 | Novarama Technology, 2020

KILLSQUAD | PC (Steam) | UE4 | Novarama Technology, 2019

DOOSHAN | PC | Custom Engine | Master's Degree Final Project, 2019

LANGUAGES

Catalan and Spanish natively spoken.

European CEFR B1 English certificate, fluently spoken and written (daily work experience).

TRIVIA

Joined 2018, 2019 and 2023 editions of WomanTechMaker Gamejam. - <https://www.gdgtarragona.com>

Hosted the 1st URV-Reus Gamejam edition.

Basketball player.

B1 and A driver's license.