Esteban Restrepo

 (+34) 681 175 438 | ✉ estrestrepo@gmail.com | ⌨ EstebenR

Skills

Proficient in	C++ · C# · RBXLua · Lua
Basic	CSS · HTML5 · Javascript · Java · Python
General programming	Data structures and Algorithms
Libraries and Tools	SDL2 · OGRE3D · OpenGL · Unity · Flask · Box2D
Workflow	Agile techniques · Scrum · Git · Version Control
Multiplatform dev	PC-PS4(C++) · PC-Android(Java) · Win-Linux(C++)
Languages	Native Spanish · Certified C2 English

Projects

PTSD Engine and Games

GAME ENGINE MADE IN C++ WITH LUA SCRIPTING SUPPORT FOR GAMES   *2021*

- 3D Game engine with physics.
- Games can be made completely in the Lua scripting language.
- Made two games with it 'Glock The Clock' and 'TaiFighter'.

Fix the ship! - Game

GAME MADE IN THE ROBLOX ENGINE WITH LUA   *2021*

- Made for the Infinite Canvas game jam.
- Online play in which players have to collaborate to fix a ship.
- Solo project made in under three days of work.

Programa Animalista de Chillar Muy Alto - Game

GAME JAM GAME CONTROLLED BY VOICE   *2021*

- Game can only be controlled by voice commands
- Made for the game jam JamOn 2021
- Obtained special mention and prizes for implementing the most diversifiers.
- Game made in under one week.

Programa de Convivencia Espacial - Game

MULTIPLAYER PARTY GAME IN C++ USING SDL AND BOX2D   *2020*

- Features an online mode with client host and streaming clients, programmed at socket level
- Entities use a component system and state machine

Education & Experience

Electronic Arts   *Madrid, Spain*

SOFTWARE ENGINEERING INTERN   *Jan 2022 - Jul 2022*

- Co-lead the development of an internal tool for game testing.
- Used agile development techniques to adapt to changing demands and needs from other departments.
- Used a continous integration pipeline to make sure software was always working.

Universidad Complutense de Madrid   *Madrid, Spain*

DEGREE IN VIDEOGAME DEVELOPMENT   *Sep 2018 - June 2022 (Projected)*

- Degree in Computer Science specialized in Game Development

Honors & Awards

2021	**Winner,** STEAM+ eSports Competition Universia	*Madrid, Spain*
2021	**Grantee,** Excelence Grant for students, Comunidad de Madrid	*Madrid, Spain*
2021	**Special award,** Special mention for most diversifiers implemented, JamOn game jam 2021	*Madrid, Spain*
18-21	**Honors,** Passed various subjects with honors at university	*Madrid, Spain*