

Pedro Montoto García

Technical Game Designer

+34 620 575581
pmgberm@gmail.com
pedromontoto
McOmghall

A **Game Designer** and **Software Developer** with a **diverse professional experience** in the fields of finance, data analysis, machine learning and web development.

I have experience with the **Unreal Engine** for game development, having used software such as **git**, **Maya**, and **Adobe Audition** to support in-engine work. I also have some knowledge of **Unity** and have worked with some general purpose programming languages including **C++**, **Ruby**, **JavaScript** and **Java**.

(Updated: April 29, 2018)

Qualities

Strong analytical, problem-solving and communication skills

Eager to learn and develop new skills according to project necessities, quick to adapt to new situations

Experience in programming and project management techniques and tools

Experience with data analysis to drive business processes

Worked in different parts of Spain, Luxembourg and Great Britain

Selected Recent Works

Nov 2017 **Darkborn**

Feb 2017 *Master's in Game Design Capstone Project*

<http://bit.ly/darkborn-demo> (Can send source code on request)

A single player fast-paced **Hack&Slash** built around a playstyle switch mechanic.

Worked as the technical go-to person for the design team, developed the concept and core gameplay mechanics using mainly prototyping methods (**UE4 Blueprints and C++**).

Main responsible for the sound design of the game.

Also contributed prototypes and tweaks for animation and VFX reference in-engine.

Team composed of 5 designers, 5 artists and 6 programmers. Capstone project for MsC Game Design @ U-Tad.

Jan 2018 **A Fireball for your Friends**

Combat Prototype and Spell Engine

<http://bit.ly/fireball-prototype> (Source: <http://bit.ly/fireball-code>)

A **combat** prototype for an online multiplayer 3rd person **magic duel game** with a focus on customization

Built by myself on my free time (January 2018). Created a spell system with the objective of fast and easy iteration, a sample level, and a very tough enemy AI using only **UE4 Blueprints** and free assets from the UE4 store.

Feb 2018 **Wrong Side**

Team Fortress 2 CTF Level

<http://bit.ly/wrong-side>

A Team Fortress 2 level focused on being fun on small servers (small number of players)

Built by myself on my free time (February 2018) in 2 weeks without prior knowledge of the **Source engine**.

Experience

- Today **Independent Game Designer and Developer**
Nov 2017 Currently developing casual arcade games as a Technical Game Designer within a team of 14 people since January 2018.
- Nov 2017 **Game Design Student**
Sep 2016 *U-Tad*, Madrid
Worked for a 16 people team (5 designers, 5 artists and 6 programmers) as a game designer developing our common master's capstone project. Also took part in Global Game Jam in Madrid.
- Sep 2016 **Software Engineer**
May 2011 *Multiple Companies*, Europe
Worked for the logistics and ecommerce (Amazon), banking (Indra and Bankia), machine learning research (Universidade de Santiago de Compostela and Universidade da Coruña), and business intelligence industries.
Developed mostly webpages, but also proof-of-concept systems based on new research and data analytics services.
Lead and coached junior team members.
Also contributed to a number of Open Source projects (<http://bit.ly/pedros-github>).

Education

- 2016 - 2017 **Master's Degree in Game Design, 7.6/10**
U-Tad, Madrid
Game Design and Development, Final project: Hack and Slash game (Darkborn)
- 2011 - 2016 **Master's Degree in Logic and the Philosophy of Science, 7.0/10**
Universidade de Santiago de Compostela, Santiago de Compostela
Cognitive Psychology, Metamathematics, Rationality, Microeconomics, Argumentation Theory and Artificial Intelligence
- 2007 - 2011 **Bachelor's Degree in Computer Science, 6.4/10**
Universidade de Santiago de Compostela, Santiago de Compostela
Software Engineering, Project Management, Network and Systems administration, Optimization, Artificial Intelligence

Languages

- Galician Native
Spanish Native
Portuguese Fluent
English Fluent
Japanese Basic

TOEFL, 108/120, License: 11069417