

# EDWARD REGAS-DUNCAN

## Gameplay/Engine Programmer

@ e.regas.duncan@gmail.com    (+34) 681 34 31 21    Barcelona, Spain  
in linkedin.com/in/edward-regas-duncan    Github.com/EdwardRegasDuncan

edwardregasduncan.github.io/

## EXPERIENCE

### Gameplay/Engine Programmer

#### Akita Interactive

2021 - Current

Barcelona, Spain

- Programmed **Gameplay mechanics** for a top down shooter
- Developed and maintained features for **in-house engine**
- Developed and maintained **akitainteractive.github.io/**
- Contributed to **Project ÉRIMOS** concept

### Visual Designer

#### Regas Carpentry

2020 - Current

Barcelona, Spain

- Created high quality renders of furniture using **Google Sketch-up** and **Blender**.
- Created **3d printed** miniatures based on renders.

### Software Developer

#### JBA Consulting

2016 - 2019

Skipton, UK

- Used **Python** to create utility scripts to assist development teams.
- Created Interactive PDF documents with **JavaScript**.
- Maintained IOS data input app using **Objective C**.

## PROFESSIONAL PROJECTS

### GeoPDF JavaScript

A highly portable interactive PDF document to display important flood risk information based on user inputted environmental variables.

### Project Archive Image Scraper Python

A Python script designed to scan through a network project archive, locate image files, copy and sort to a local directory then generate an index file recording what image was taken from which project folder.

### Smart Database Updater Python SQL

A Python script which compares values in a database to cached instance and performs a backup if changes are detected

## PERSONAL PROJECTS

### Site [REDACTED] Unity C#

A **Security Guard Survival** game where the player must keep track of various hostile creatures through security cameras, learning their behaviour patterns and manipulating the environment to prevent them reaching the player

### Warehouse Operative Unity C#

A Puzzle game based around stacking different shaped packages in a way so the player can fit between warehouse shelves.

### Flow Unity C#

A 3D Fighting game with a unique combo system where players combine moves from one of four elements triggered through various stances.

## EXTRA-CURRICULAR

- National Citizen Service
- Unity Junior Programmer Path

## PROGRAMMING LANGUAGES

C++   C#   Objective C   Visual Basic  
Python   HTML/CSS   JavaScript  
Lua

## SOFTWARE

Google   MS Office   Git   Unity  
Unreal Engine   Blender  
Adobe Acrobat   Photoshop

## EDUCATION

### Master in Advanced Programming for AAA Video Games

#### UPC Barcelona

2021 - current

Barcelona, Spain

### L4 Extended Diploma in Software Development

#### QA Apprenticeships

2016 - 2019

Leeds, UK

### L3 Extended Diploma in Software Development

#### Shipley College

2013 - 2015

Saltaire, UK

### A1 Spanish Language

#### EOI Barcelona

2021

Barcelona, Spain