EDWARD REGAS-DUNCAN

Gameplay Programmer

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EXPERIENCE

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**.

Service Desk Partner

Yorkshire Water

📅 2013   📍 Leeds, UK

- Provided internal technical support
- Logged tickets and escalated to necessary teams

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 cashed 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.

CATastrophe [Unity] [C#]

An arcade style 'catch the falling objects' game submitted to the **itch.io** 48 hour cat themed GameJam.

EXTRA-CURRICULAR

- National Citizen Service
- Unity Junior Programmer Path

PROGRAMMING LANGUAGES

[C#] [Objective C] [Python] [JavaScript] [VBA] [Visual Basic] [HTML/CSS]

SOFTWARE

[MS Office] [SourceTree] [Git] [Unity] [Blender] [Adobe Acrobat] [Photoshop] [ArcGIS]

EDUCATION

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