

Laura Walker

Unity Developer

CONTACT:

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Portfolio

<https://lw-portfolio.notion.site/Laura-Walker-c54227a5b91e440faf0abcecf3d0d0c3>

SUMMARY

SOFTWARE:

- Unity
- C#
- Git
- Illustrator
- MS Office
- Python
- After Effects

STRENGTHS:

- Self-starter and quick to learn
- Organized and practical
- Analytical and visual thinker
- Solid coding fundamentals
- Team player with a can-do attitude
- Computer savvy
- Dry sense of humour

PROJECTS

DOTI MEMORY | Nov 2021

2D picture matching mobile game available on the Google Play Store.

I was joined by my sister who helped with the artwork, game design and getting it on the Play Store.

Tools used: Unity | C# | Illustrator | After Effects

Features:

- Radial bar and text field (signboard) display player progress
- Additional themes and cards are unlocked during gameplay
- Cards resize depending on the number of cards in the round
- Endless mode with score keeping for completed themes
- Settings menu to customize sound and music preferences
- Sound effects and background music
- Camera view adjusts for different screen sizes using Cinemachine
- Basic save system for player progress and settings using PlayerPrefs
- Life system with addition lives being added in stages
- Simple animation to show when a life was used

Additional Tasks:

- Configured the build settings including splash screen, icon, and quality settings
- Collaborated on the concept, game play and game mechanics
- Assisted with account setup and publishing process
- Designed the logo name and icon
- Created the card images for the transport, potions, harvest, and hard themes
- Produced the preview images and video used on the store listing

ODD JOBS | June 2022

Mini 2D questing game where you need to accept and complete delivery quests.

Tools used: Unity | C# | Illustrator | Unity Assets

Features:

- 2D Tilemaps
- Grid based movement
- Movement limited to the road
- Basic inventory and shop system
- Questing system
- Popup window with state dependant dialogue
- Sleep feature that resets the day and crossfades
- Exchange system using slider and toggle UI
- Editor tool for positioning trigger colliders on NPCs

Additional Tasks:

- Created character and background images
- Decided on the design layout of the project

BARREL BLOCKER | Jun 2021

Mini 3D game where the player needs to hide behind objects to escape waves of enemies.

Tools used: Unity | C# | Unity Assets

Features:

- Player can pick up, carry, drop and snap objects
- Indicates when a player can interact with an object
- Scene reloads to try again after game is over
- Includes sound and particle effects
- Has different animation states
- Timer and wave system that increase with each loop
- Enemy spawner with enemies that follow the player

HIRAGANA APP | Apr 2021

Simple desktop app to practise writing Japanese Hiragana characters.

Tools used: Python | Tkinter

Features:

- Hover-over popup window explaining how the app works
- Can select which column to practise
- Characters are displayed in random order each time
- The Random button displays five random characters from the entire alphabet
- The Refresh button allows you select a different option
- Buttons are disabled and enabled during different stages of use
- Canvases are drawn on while holding the left mouse button
- Canvases are cleared by clicking the right mouse button

EMPLOYMENT HISTORY

UNITY DEVELOPER (VOLUNTEER) | 05.2022 – present
Fireslug Studios Ltd. | Grange-over-Sands, UK

SOLIDWORKS FREELANCER | 10.2018 – present
DrawLine Ltd. | Grange-over-Sands, UK

CAD DESIGNER | 07.2015 – 07.2018
Cerex AG | Bleienbach, Switzerland

DRAUGHTSPERSON / CAD OPERATOR | 12.2012 – 04.2015
Centurion Systems (Pty) Ltd | Johannesburg, South Africa

OTHER

INTERESTS

Anime | Icon Design | Nature and Conservation | Eastern Philosophy

SOME OF MY FAVOURITE GAMES

Creativerse | Garden Paws | Deep Rock Galactic | My Time at Portia | Raft | Overcooked | Unrained | No Man's Sky | Don't Starve Together | Dungeon Defenders | Divinity | WoW | Diablo | The Forest

LANGUAGES

English Fluent | Afrikaans Fluent | German Intermediate | Japanese Beginner