

Joe Barlow
Gameplay Programmer

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Portfolio: joebarlow.github.io

Skills and Experience

VR Development at Draw and Code

Designed and created VR project called Crystal Casters

- Implemented Gesture Recognition Spellcasting
- Utilised MRTK for basic VR locomotion
- Built to the Oculus Quest 2 from Unity

Dungeon Crawler University Project

Developed final year project in a team of 7

- Lead programmer - handled integration of core mechanics
- Implemented procedural generation system
- Designed and implemented weapon system

Game Engines and Programming

Comprehensive experience in Unity and Unreal

- Delivered completed projects in Unity and Unreal
- 6 years of object-oriented programming

Agile Development and Project Tracking Software

Well-versed in Jira and Version Control

- Regular commits using Perforce and Github
- Used Jira for sprints, task delegation and planning
- Reported bugs and fixed those assigned to me

Game Jam Participation

Took part in Ludum Dare and Create Chester

- Met new and like-minded developers to create a small project
- Learned and shared knowledge during the creative process

Tools

Unity, Unreal, Perforce, Github, Jira

Languages

C#, C++, Java

Education

2020-2023

BSc (First-class Honours) Game Development, University of Chester

2018-2020

A Levels, Hanley Castle Sixth Form, Worcestershire

Employment

2024-2024

Assembly Operative, Neoperl UK Ltd, Worcestershire

- Manufactured parts to specification and order
- Addressed challenges that required versatile problem solving

2023-2023

Order Processor, Epwin Group, Upton Upon Severn

- Processed orders from customers and entered details into company database
- Checked and queried orders that were inconsistent with company expectations

2019-2020

Kitchen Staff, Anchor Inn, Upton Upon Severn

- Committed to work schedule and remained focused in a busy environment
- Increased adaptability and productivity in unfamiliar circumstances

References available on request