

# Jack Brewer

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I am a former Junior Gameplay Programmer at Red Rover Interactive and Master of Computing Graduate that was on an academic scholarship from De Montfort University, and I am looking to find my next job which allows me to continue to utilise my constantly improving skills.

<https://ghostleadie.github.io/>

<https://github.com/Ghostleadie>

## Work History/Experience

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### Junior Gameplay Programmer – Red Rover Interactive – Oct. 2024 – Mar. 2025

- Worked on various systems within the code base for their game Enginefall
  - Worked on various UI tasks using Common UI
  - Updated the ping system to include a quick ping and added contextual pings to the ping system along with a rework of UX for the ping menu
  - Created and implemented a core gameplay loop feature
- Addressed and tracked bugs throughout the code base using Jira.

Skills: UE5, C++, Unreal Blueprints, UX, UI, Jira

### Junior Gameplay Programmer – Free Radical Design – Nov. 2021 – Dec. 2023

- Implemented Epic Online Service for an Unreal project using Epic's online subsystems plugins on PC and PS5.
- Maintain the Epic Online Service plugins and submitted fixes to Epic.
- Worked on various gameplay systems, including:
  - Lobby UI and underlying code for better UX
  - Creation of a custom replication system using EOS and Unreal's reflection system
  - Customizable characters (both UI and code)
  - Melee combat system using the gameplay ability system and gameplay targeting
  - Asset management with async loading and primary asset bundles
- Addressed and tracked bugs throughout the code base using Jira.

Skills: UE4, UE5, C++, JSON, Unreal Blueprints, EOS, Online Subsystems, UX, UI, Jira, PS5

### Game Developer – Willow Communications – Sep. 2020 – Aug 2021

- Creating unreal engine games for their event platform which is used in holiday parks and bingo halls across the nation.
- Creating applications to help with automation of tasks and other useful applications.
- Help solve bugs and create addons for existing software.
- Provide help to customers through the company's helpdesk.

Skills: VB.Net, PHP, SQL, XML, JSON, UE4, Unreal Blueprints, C++, CSS, HTML

### Freelance Programmer – Front Row Services – Feb. 2020 – Aug. 2020

- Creating an android app in java that digitalized their paper service certificates.
- The app creates a pdf version of the form that gets emailed to the client and the company's accountant.
- Assisted in any technical IT problems they had.

Skills: Java, Mobile App Dev

#### **Undergraduate Position – Novacroft – Jun. 2017 – Sep 2017**

- Researching Charities for a project that the company was working on. This included all the laws regarding charities and the charity commission.
- Gave recommendations for charities to be approached for the program.

Skills: Research

#### **Undergraduate Position – Novacroft – Jul. 2016 – Sep 2016**

- Researching different ways of gamification for a project
- Helping with QA for the project
- Researching other apps or initiatives that used gamification effectively to see if there was anything we could implement into our project.

Skills: Gamification, QA

### **Education**

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#### **2018 – 2020. De Montfort University – Masters in Computing.**

Distinction

#### **2015 – 2018. De Montfort University – Computer Games Programming.**

Second Class Honours, Upper Division (2:1)

**References are available upon request.**