

JOSEPH BRYAN

✉ joseph.bryan203@gmail.com
📧 JoeBryan1

☎ 07504510192

📍 Liverpool, United Kingdom

🌐 joebryan.uk

📌 joseph-bryan

ABOUT ME

An enthusiastic graduate with 3 years of experience as a Full-Stack and Unity Developer. I keep up-to-date with different tech stacks by developing various personal projects. I enjoy developing indie games using Unity (C#) and Unreal (C++), learning graphics APIs such as OpenGL, and also have developed a website using ASP.NET with React. I enjoy playing guitar, going for walks, video games and cooking. Examples of my work at joebryan.uk.

EXPERIENCE

Senior Unity Developer

ISS Innovation Hub Lancs

📅 September 2024 - Present

📍 Lancaster, United Kingdom

Responsibilities

- I am leading a team to develop VR/AR projects for various clients involved around Lancaster.
- I specialize as a generalist Unity (C#), with duties such as modeling environments, programming mechanics developing shaders, etc.
- I also design the VR/AR projects for our clients.
- Recently we built different VR/AR experiences for the Lancaster Music Festival and a VR experience for students studying Cybercrime at Lancaster University.
- We focus on bringing adaptive learning into VR.

Unity AR/VR Developer

ISS Innovation Hub Lancs

📅 April 2022 - March 2024

📍 Lancaster, United Kingdom

Responsibilities

- I worked in a team developing various AR/VR experiences for Lancaster University.
- I particularly enjoyed working on "The Ruskin Project", celebrating the legacy of John Ruskin by utilising Virtual and Augmented Reality (VR/AR).
- I was responsible for quickly designing and implementing features, working in an agile team with month-long sprints.
- In one sprint I developed an AI powered avatar used to simulate interviews in VR.
- I was responsible for leading, onboarding, and assisting new employees to guide them into their roles.

Full-Stack Developer

ISS Innovation Hub Lancs

📅 December 2021 - April 2022

📍 Lancaster, United Kingdom

Responsibilities

- I joined Lancaster University's innovation division to work as a student developer. I worked part-time helping maintain the Lancaster University student app as well as other systems such as booking rooms.
- I redesigned the UI elements for the student app and other university web pages using React and Blazor.
- I was responsible for developing APIs to retrieve student data.

Store Assistant

Home Bargains

📅 Summer 2021

📍 Liverpool, United Kingdom

Responsibilities

- At Home Bargains I was responsible for stock management, overseeing tills and assisting customers.

Salesforce Front-End Developer

Riverside Housing Association

📅 Summer 2019

📍 Liverpool, United Kingdom

Responsibilities

- At Riverside I was responsible for developing the UI for a landing page of their mobile app using Salesforce.

Front-End Developer

Eco Online

📅 Summer 2018

📍 Liverpool, United Kingdom

Responsibilities

- I was responsible for developing a telephone directory website using SQL and .Net.

TECHNICAL EXPERIENCE

🏆 **React & .Net Core**
1+ years professional experience & 3+ years in my own personal projects. Used both React and .Net Core to create my 'Meal Designer AI' website (joebryan.uk).

🏆 **Azure**
I used Azure to host all parts of my 'Meal Designer AI' website. This included using a React Static Web App to host the frontend, a .Net Web App to host the backend and a CosmosDB database to store the data.

🏆 **Unity**
3+ years professional experience & 2+ years in my own personal projects. At ISS Innovation Hub I lead a team to develop a VR experience, with a short deadline, for the Criminology students to try at the end of the University module at Lancaster University. The project was delivered promptly and was very well received by the product owner and the students.

🏆 **Unreal Engine**
2+ years personal experience. In my spare time I have developed an Asymmetric VR game using Unreal Engine, which allows a VR player and a PC player to play locally on the same machine.

STRENGTHS & SKILLS

Time Management

Self Motivated

Resilience

Problem Solving

Communication

Logic + Analytical

Git

C++

C#

.Net Core

SQL

Typescript

React

Azure

CI/CD

DevOps

Technical Writing

EDUCATION

B.Sc. Physics (Hons)

Lancaster University

📅 Sept 2020 - June 2024

📍 Lancaster, United Kingdom

Dissertation: Continuous Wave and Pulsed Electron Paramagnetic Resonance in 2,2-diphenyl-1-picrylhydrazyl (DPPH)

A Levels

Formby High School

📅 Sept 2018 - June 2020

📍 Liverpool, United Kingdom

- Maths (A*), Physics (A), Computer Science (Distinction*)
- EPQ Dissertation - Machine Learning with Tensorflow and Unity: A*

GCSEs

Formby High School

📅 Sept 2016 - June 2018

📍 Liverpool, United Kingdom

- 11 GCSEs (Grades 6-9)

REFEREES

Prof. David Burton

@ Lancaster University

✉ d.burton@lancaster.ac.uk

Brian Green

@ Lancaster University ITPI

✉ brian.green@lancaster.ac.uk