

Ben Rose

Junior Games Developer, graded as a top 3 Student in year at UWE. Proficient in C++, C#, DirectX, OpenGL, Unity and Unreal. First title Wardens Teddy released on Itch.

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I'm Ben, a generalist games programmer in the second year of my degree at the University of the West of England, studying Games Technology BSc (Hons). I'm currently on placement at Playground Games, working as a gameplay programmer.

Skills

Game Development

I have developed both 2D and 3D games as part of my course and in extra-curricular activities such as Game Jams and personal projects. An example of my work is [Wardens Teddy](#), a game that started as a team entry to the 2021 Global Game Jam and was then later polished and released as a standalone game. My full portfolio can be viewed on my [website](#).

Programming

I have worked with a variety of languages and tools, including C++, C#, DirectX, OpenGL, Unity, Unreal, HLSL and Python. With over 3 years experience, I am most confident in C++, Unity and C#.

Development Methodologies

In my University and super-curricular work I have used agile methodologies such as SCRUM in order to develop systems via an interactive design. I have worked in sprints and have experience with daily standup, sprint reviews, retrospectives and collaborating with others to maintain steady development progress and produce a quality system.

Soft Skills

- **Communication**
 - As a PAL leader I have used a combination of good communication skills and active listening to clearly explain concepts and deliver lessons, as well as extrapolating the students' problems to either provide an answer or throw it back to the group to promote discussion and develop their understanding.
- **Collaboration & Conflict Resolution**
 - Across a range of activities, both within university and personal projects, I have often taken the role of team leader. Coordinating the activities of team members, making use of each person's unique skill set, as well as resolving conflicts between ideas as they arose; balancing the merit of the idea against the state and deadline of the overall project.
- **Work Ethic**
 - The need to juggle my studies, chores, free time and swimming training has helped me establish a good work ethic and excellent time management skills. I enjoy working hard on a project that interests me and also understand the importance of time away to maximise productivity.

Occupation

Associate Engineer at Playground Games | 2021 - 2022

I am currently on placement at Playground Games as a gameplay programmer working on Forza in Leamington Spa.

PAL Leader and Mentor | 2021-2022

I worked part-time as a PAL leader, helping and guiding year one students within Games Technology. This role focused on facilitation and mentoring, encouraging the students to actively think for themselves and develop the skills needed, both solo and as a team, to solve their own problems. I was responsible for the planning and delivery of bi-weekly sessions to help cement the students' understanding throughout the various modules.

Education

BSc Games Technology | University of the West of England | 2020 – Current

UWE is TIGA Accredited

Current Modules

Game Engine Programming (Modern C++)

More Games in C++ (Modern C++)

Play and Games (Game Design Principles & Market Theory)

Game Engine Architecture & Game Level Design (Unreal & C++)

Modules Completed

Achieved inclusion on the Dean's List for a total mark of over 70% across all modules

Principles of 3D Environments (Maya & Unity)

Games in C++ (SFML & C++)

Games Development Evolution (Game & Market Theory, Unity)

Games Tech 101 (Algorithm & Game Creation in Python)

A Levels | Lord Williams | 2018 – 2020

3 A Grades, including Computer Science (A)

GCSE | Lord Williams | 2013 – 2018

8 GCSEs grades 7-8, including Maths (7) and English (8)

Accomplishments

Achieved inclusion on the Dean's List for first-class working grade across all university modules.

Completed all levels of DofE, including Gold.

Competed at swimming at a national level.

About Me

Since secondary school I have been interested in computer science and creating games, the discipline allowing for both creativity and problem solving with the result being something that can actually give others a meaningful experience. Outside of programming I enjoy running, swimming, stories and of course playing games! Recently I have begun learning Korean and have reached an intermediate level.

Reference

Lloyd Savickas

Programme Leader

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