

# Paul Erwich CV

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Portfolio Website - <https://paulerwich.github.io/>

## Personal Profile

An enthusiastic and motivated individual who has an interest in low level programming. A second-year student looking to complete my placement year with your company so I can gain some industry experience before finishing my degree.

## Skills

- Programming – C++, C#, Python
- Problem solving
- Unity
- Unreal 4/5
- JetBrains software
- Office suite
- Teamwork
- Leadership
- Time management
- Communication
- Positive attitude
- Debugging and testing

## Education

### University of the West of England

2021 - Present

Second year Games Technology student

The modules I completed in my first year are as follows:

- Games in C++  
This module involved creating retro games using C++ and SFML. The main project was a platformer which is showcased on my portfolio website.
- Games Tech 101  
In this module I used Python to implement AI, storing systems and various sorting algorithms. I also created a game within a 3-person group. I took leadership of the project and ensured it was completed on time.
- Games development evolution  
In this module I learnt the theory behind designing a game. Within a group of 4 we designed a mobile game called The Train, a real time tower defence game. I also took leadership of this project to ensure completion.
- Principles of 3D environments  
In this module I used Autodesk Maya to create a steampunk airship, afterwards I imported it into Unity in order to setup a vertical slice where the same model was used in a rescue mission.

### Fareham College

Level 3 extended diploma in computing and game development at grade D\*D\*D\*.

Completed 18 modules including developing computer games, computer game platforms/design, Procedural/Object oriented programming, computer systems and project planning.

### Springfield Secondary School – Portsmouth

9 GCSEs Grade 5-8, Further Maths – A, ECDL – Distinction\*

## Hobbies & Interests

- Warhammer – I enjoy both 40k and Age of Sigmar. This includes Models and Video games. It's a franchise I love.
- History & Mythology – I love learning about the past, whether it's Wars, culture, ancient or recent. I have a soft spot for mythology. I love fantasy/unrealistic scenarios, so the idea of ancient gods/powerful weapons intrigues me greatly.
- Gaming – I play a variety of games, but my favourites are League of Legends, Hearts of Iron IV and Minecraft. Although they cover a variety of genres, I greatly enjoy Strategy games, needing to adapt as the game progresses keeps me engaged and wanting to continue playing.
- Technology – I enjoy building computers, although I don't do so often. And learning about advancements in technology, whether it be robotics, AR or common hardware like CPU/GPUs, I find enjoyment in knowing my subject is constantly evolving.

## Employment History

### **RGIS Inventory Specialists**

June 2021 – October 2021

I completed stock takes at various stores. This was within varying sized teams, either small teams of ~5 or larger teams of up to ~30. This allowed me to build up both my teamwork and communication skills.

### **College work placement**

October 2019 – March 2020

I worked 1 day a week at SENSEI Networks along with 1 block week. This placement stopped due to the first Coronavirus lockdown. Whilst working there I was also working within a team.

- Learning HTML, CSS, JavaScript

### **Student ambassador at UWE**

September 2022 – present

Working as a student ambassador allows me to work in a team on a regular basis. Helping me to further improve my teamwork and communication skills.

### **PAL Leader at UWE**

September 2022 – present

As a PAL Leader I provide first year Games Tech students with assistance. This is mostly in relation to their course work.