# Kieran Hughes

4 Cae'r Eglwys, Rhostryfan, LL54 7LQ

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🔗 https://github.com/KieranTH

## Summary

I have been a passionate programmer for a number of years; starting with basic Python scripts to ease my experience with mundane tasks during my A-Levels, up to current skill range during my Degree. I have ventured to improve my skills in various aspects of development, from building the front and back-end for some social media intergrated programs and including the Systems Development Life Cycle. Working hard to maintain and update my projects and ensuring the program runs as efficiently as possible.

Skills:
- Working in a team
- Working individually
- Fluent in English
- Fluent in Welsh

Programming knowledge/skills:
- Java (Servlets, AWT, Core, OOP, Databse Intregration)
- C# (Unity Game Engine, Core)
- C++ (OpenCV, Core)
- Python (Django, Core)

Basic Knowledge:
- Databases (SQL)
- JavaScript/HTML/CSS

Applications:

- During my study in Bangor University, I have been able to build and learn new skills which relate to the real world. Creating a Web-Based forum for BeeRobotics, working within a team and establishing roles and tasks for one another. This project introduced me to the Python library Django, which is what the foundation of the Forum was built upon. Another project I lead with a team was creating an application to filter and display NHS Facilities for patients. This project combined my skills from Java and maintaining Databases, to store and display all the relevant information easily and effectively.

- My most recent undertaking is my 3rd Year Project for my Bachelors Degree. This project is based on creating a Virtual Reality game for immserive learning, containing all aspects of the development process. During this project I have used the Unity Game Engine, Blender, Oculus SDK and Visual Studio. Starting from a very barebones idea and going through the design process while recieveing feedback throughout, I was able to gradually improve and finalise my design and begin the development.

## Experience

### Fire Safety Assistant
ALAN HUGHES FIRE SAFETY LTD

Feb 2018 - May 2019 (1 year 4 months)
Assisted in training groups of employees within the area of Fire Safety.
Working with large groups of people and guiding them on how to properly use equiptment.
Increased efficiency and aspects of understanding for all group memebers

## Education

**Bangor University**
Bachelor of Science - BS, Computer Science
2018 - 2021

## Licenses & Certifications

**Standard First Aid, CPR and AED** - Medi-Tec LTD
Issued Feb 2018 - Expires Feb 2021

**Certified Fire Marshall (FM)** - ALAN HUGHES FIRE SAFETY LTD

## Skills

Computer Literacy  •  Python (Programming Language)  •  Java  •  C#  •  C++  •  C (Programming Language)  •  Unity  •  Blender  •  Virtual Reality (VR)  •  Databases