Ian Hudson

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Education and Qualifications

University of Gloucestershire

Computer Games Programming   2015 - Present

Currently in my final year expanding on programming languages and skills I have previous learnt. First year key modules include: Programming and Mathematics and Introduction to Software Development. Second year key modules include: Low Level Architecture, High Level Architecture and Game Engine Programming/Scripting. Third year key modules include: Individual Research project, Advance Group Project and Graphics programming and Shaders.

Abingdon and Witney College   2013 - 2015

BTEC level 3 Information and Technology Extended Diploma   DDD (Distinction)

Larkmead School   2010 – 2013

 6 GCSE's Grade C and above including a B in Maths

Technical Skills

Knowledge in   IT skills covering a range of software and version control

- C++,
- C#,
- GLSL/HLSL/CG,
- OpenGL,
- HTML

- BitBucket,
- Git,
- Perforce,
- SoureTree,
- Unity,
- Unreal,
- Visual studio 2015/2017

Relevant Experience

University of Gloucestershire - Research Placement   2017 – 2018

Throughout my placement I worked on multiple projects some of which included using AR, VR and the Microsoft HoloLens. I was required to work independently or in the case with the VR projects within a team. The projects which I worked on were created for internal and external clients.

University of Gloucestershire -

Helping in Level 4 module Programming and Mathematics   2018 - 2019

My key responsibilities in this role include assisting students in their assessed tutorials and module projects in C++. I must communicate concisely towards the students, so they are able to understand what the code is doing and offer help and advice when requested or needed.

Additional Experience

University of Gloucestershire – Open/Applicant Day Helper   2017 – 2019

In this role I was tasked with helping applicants who participated in open/applicant day activities. The activities included creating Pong within C++ and JavaScript. I have improved my communication skills be doing this as I was talking to new people every open/applicant day.

Homebase - Part time member of the replenishment team   2013 – 2015

Joining Homebase allowed me to experience a work environment. I developed skills such as attention to detail and organisation. I worked individual and within teams to complete tasks. I was also trained to use a RF Scanner to scan items in and out of the Wearhouse, this is where I used my initiative to place items in the appropriate place.

Low and Oliver – Shadowing an Electrician   2010 – 2010

I shadowed an electrician for a week as part of my work experience at secondary school. In this week I was tasked with documenting the jobs which were undertaken, communicating with customers and learning which was the best tool for any situation.

Hobbies/Interests

Shotokan Karate

I have been doing karate for over 5 years now and have reached the grade of Nidan (2nd Dan black belt). This required a high level of dedication and motivation to be able to reach 2nd Dan. I have gained discipline and team leader skills from this. I have also taught other students, who were both older and younger than myself.

Badminton

Since the second year of university I have attended weekly recreational badminton sessions. Through these sessions I have met a wide range of people. I have developed my confidence in talking to new people who I would not have known.