Ian Hudson

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Personal Profile

I am a programmer currently working at Sumo Digital Nottingham.

Throughout my time at Sumo Digital Nottingham, I have strived to improve my technical skills as well as my interpersonal skills. With the goal of improving myself, but also the people around me.

I am focused on learning and improving as well as bringing a happy atmosphere wherever I work.

Technical Skills

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

• C++,

• C#,

• GLSL/HLSL,

OpenGL,

Vulkan

Bitbucket,

• Git,

• Perforce,

Unity Engine,

Unreal Engine,

Visual studio 2019,

Jira,

• Confluence,

• Azure Dev-ops,

PIX on Windows

Professional Experience

Sumo Digital (Nottingham) - Programmer

2021 - Present

While being at Sumo Digital Nottingham, I have contributed to porting Forza Horizon 4 to Steam. I was involved in porting network code from the UWP platform to Win64. I also solely worked on implementing steering wheel controls with Direct Input. I also worked on Forza Horizon 5 steam port.

Sumo Digital (Nottingham) - Junior Programmer 2020 – 2021

Sumo Digital (Leamington) - Junior Programmer 2019 – 2020

Throughout my time at Sumo Digital Learnington, I have had the opportunity to learn and develop my skills. I have been given responsibilities of developing and maintaining core systems used by the whole development team as well as collaborating with other disciplines on gameplay features and tools.

Education and Qualifications

University of Gloucestershire

Computer Games Programming (BSc Hons)- Achieved Grade 1:1 (Frist) 2015 – 2019

Abingdon and Witney College 2013 - 2015

BTEC level 3 Information and Technology Extended Diploma DDM

Larkmead School 2010 – 2013

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

Relevant Experience

University of Gloucestershire - Research Placement	2017 – 2018
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University of Gloucestershire -

Assisting in Level 4 module Programming and Mathematics

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

2018 - 2019

2018 & 2019

Brain's Eden – Competed in Brain's Eden Games Jam

I partook in Brain's Eden 2018 & 2019 where I was in a team of 5 using the Unreal Game Engine/Unity. I learnt the importance of cutting features and regular small meetings to keep track of the development of the project as well as consistent play testing to ensure the game was enjoyable to play.

Additional Experience

University of Gloucestershire – Open/Applicant Day Helper	2017 – 2019
Homebase - Part time member of the replenishment team	2013 – 2015
Low and Oliver – Shadowing an Electrician	2010 – 2010

Hobbies/Interests

Shotokan Karate

I have done karate for over 8 years 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.

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.