Harry **Donovan**

University Student · Games Programmer

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Summary

Avid programmer with a strong knowledge of version control using Git, experience with multiple programming languages and an excitement for facing new, interesting challenges. I am a confident presenter who is comfortable leading a team and liaising between different disciplines. My ideal position would be as a lead programmer supervising a team or as a project manager, and as such I am very interested in opportunities to grow towards these roles.

Skills

- Proficient in C#
- Confident with version control using Git, including branching and fixing of merge conflicts
- Familiar with Unity
- Basic experience in Unreal Engine 4, including use of blueprints
- Experienced with agile and scrum development practices
- Confident and organised team and scrum leader

Published Games

Yvaga Station - Team Leader
Unity 2018.4

Self published to itch.io (click here for link)
May 2020

- Presented a concept pitch to University lecturers in order to continue development past prototype stage
- Asymmetric multiplayer game, using PUN2 for networking
- Designed and implemented a custom movement system that included moving up stairs, spider-like climbing, and a charge leap
- The game has NUMBER downloads (as of September 2020) on itch.io

Education

Falmouth University
Falmouth, United Kingdom

BSc Computing For Games
Sept. 2019 - Current

- Worked with a multi-discipline team to bring several games through a full development cycle
- I am becoming a PASS Mentor in order to help new students and improve and expand my skill set
- I am also active with helping other students with both general, programming, and version control questions

Programming Projects

Snake
C++ OpenGL

Snake Project Github Link
July 2019

- Programmed a game of snake including collision detection and random 'apple' placement
- Included a display of the players score once they die without the use of text
- Set up initial conditions so the game could be restarted with a single key press
- Scaled movement speed with the length of the snake to increase the difficulty as the player does better

Work Experience

FXPlus
Falmouth, Cornwall

Senior Ambassador
June 2020 - Current

- Includes the same responsibilities as a Student Ambassador, but is more central to the running of events
- Manages the distribution of Student Ambassadors during events
- Relied on to handle any complications or problems that arise during an event

FXPlus
Falmouth, Cornwall

Student Ambassador
October 2019 - June 2020

- Involved in the running of university events and open days
- This includes discussing the course with potential students and leading group tours around the campus
- I have also spoken on an online Q&A panel as part of this role
- I finished this employment due to being promoted to Senior Ambassador