THOMAS O'LEARY

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PERSONAL STATEMENT

I am currently at Falmouth University undergoing my final year in Computing for Games BSc (Hons). Although completing a degree oriented around game development, I am interested in entering the tech industry and landing a role as a Software Developer.

EDUCATION

Computing For Games BSc (Hons), Falmouth University   September 2019 – July 2022
Predicted Grade: Second Class Honours Upper Division (2:1)

SKILLS

Project Management	Jira, Trello, Confluence, Agile
Version Control	Git
Game Engines	Unity, Unreal
Languages	C#, Python, C++, OpenGL, LaTeX, R

PROJECTS

Castan - Gameplay Programmer (https://store.steampowered.com/app/1836170/Castan/)   Steam

- Multi-Disciplinary Team of 12 - consisting of artists, animators, designers and programmers.
- Primarily communicating between designers and animators to ensure implementations are satisfactory.
- Current project being developed - expected release on Steam in May.

Dissertation - Final Year Project (GITHUB LINK HERE)   GitHub

- Aimed to answer the question of "Can an Unknowing Participant distinguish between Multi-Agent Designed and Human Designed Interiors?"
- Created a Multi-Agent system that generated a rooms' interior at run-time using the Unity Game Engine.
- Completed a Turing Style A/B test with the help of 56 participants and analysed collected data for significance using the R programming language.

OpenGL Terrain Generation - Personal Project (GITHUB LINK HERE)   GitHub

- Created an application that procedurally generates a plane of vertices & indices using C++ and OpenGL.
- A Perlin Noise library was used to create the effect of natural looking terrain.

EXPERIENCE

IT Consultant - Work Experience   June 2017 – June 2019
TMD Technologies Ltd   *Hayes, London*

- Shadowed and observed the IT Departments day-to-day work.
- Gained an understanding of how IT systems are maintained in a large business environment.
- Tasked with creating system-wide Outlook shortcuts for staff.

HOBBIES

Kayaking

- Have a passion for Flat Water Kayaking and a new-found love for Surf Kayaking.
- I was elected the Vice President of the Falmouth Student Kayak Canoe Society at Falmouth University. Assisting in coaching and running weekly sessions for both beginner and experienced paddlers.

Scout Association

- Involved in scouting since the age of 6 and have worked through all sections achieving some of the highest awards. After turning 18, I took on a volunteer leadership role at my local Scout Group.
- Had the privilege of leading a select group of Explorer Scouts to Holland for the 2019 Jamborette to represent our County.