

THOMAS O'LEARY

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PERSONAL STATEMENT

EDUCATION

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

September 2019 – July 2022

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 & 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 pure 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.

Shop Floor Assistant

August 2018 – August 2019

The Entertainer

Uxbridge, London

- Communicate and Interact with customers as well as handling day-to-day transactions.
- Work alongside colleagues to ensure the store is kept to a professional and representable standard.
- Picked by the Regional Manager to present my way of displaying a certain product as the sales from our store were significantly higher than others.