

THOMAS O'LEARY

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PERSONAL STATEMENT

I 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)	
BTEC Level 3 90 Credit - Extended Diploma - Creative Computing , Uxbridge College	September 2017 – July 2019
Grade: Distinction*, Distinction, Distinction (D*DD)	

SKILLS

Project Management	Jira, Trello, Confluence, Agile
Version Control	Git
Game Engines	Unity, Unreal
Languages	C#, Python, C++, OpenGL, LaTeX, R
Soft Skills	Time Management, Teamwork, Communication, Problem-Solving

PROJECTS

Castan - Gameplay Programmer (https://store.steampowered.com/app/1836170/Castan/)	Steam
<ul style="list-style-type: none">• Multi-Disciplinary Team of 12 closely following the Agile methodology - 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 (https://github.com/thomasoleary/dissertation)	GitHub
<ul style="list-style-type: none">• Researched into the comparison of procedural generation and human design with a focus on room 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 (https://github.com/thomasoleary/opengl-terrain)	GitHub
<ul style="list-style-type: none">• Created an application that procedurally generates a plane of vertices & indices using C++ and OpenGL.• Perlin noise was utilised to create the effect of natural looking terrain.	

EXPERIENCE

IT Consultant - Work Experience	June 2017 & June 2019
TMD Technologies Ltd	Hayes, London
<ul style="list-style-type: none">• 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.
- 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.