

Abhiroop Tandon

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Portfolio: abhirooptan.com

I am energetic and confident professional with an infectious enthusiasm for gaming technologies, eager to employ my skills for the further development of the Gaming Industry.

Educational Details:

Sept 2013 – June 2017

First class honours (78.2%) in BSc honours in Entertainment Systems, Waterford Institute of Technology, Waterford, Ireland

Modules undertaken (% Mark): Java Programming Fundamentals 1 (**100**), Java Programming Fundamentals 2 (**94**), Game Dev 2D using GameMaker (**67**), Game Dev 3D using Unity3D (**72**), Game Dev using Cocos2D (**82**), Console Game Dev using LibGDX (**78**), Console Game Dev2 using OpenGL (**77**), Physics for Games using Python (**74**), Digital Graphics Design (**75**), Discrete Mathematics (**91**), Applied Calculus (**87**), Mathematical Methods (**84**), Networking in Multiplayer Games using Unreal Engine & Unity (**84**), Macintosh Programming using Objective C & Swift (**70**), Mathematics for Games using OpenFrameworks (**89**), 3D Graphics using Maya (**88**), Game Engine Dev using Unity (**90**), 3D Animation using Maya (**81**), Game AI (**90**), Final Year Project (**86**).

May 2012 – May 2013

Colvin Taluqdars' College, Lucknow, Uttar Pradesh, India
Leaving Certificate, ICSE Board
Percentage Obtained: 78.2

Work Experience:

2016: Unity Developer at TSSG, Waterford, Ireland.

- Successfully accomplished tasks such as:
 - Assisting the Senior Developer in developing a VR Game on Unity.
 - Integrating Xbox Controller support using Unity.
 - Integrating HTC Vive and Vive Controller support using Unity.
 - Integrating Oculus Rift and Oculus Touch support using Unity.
 - Developing/designing a Game Trailer using Sony Vegas.
- Skills Gained: Agile based development, Unity development, coding in C#, Oculus Integration, Vive Integration, documentation of code, video editing, professional communication and teamwork.

2015: Freelance Programmer for Era Technology, India

- Successfully assisted the Embedded System Engineer in creating an application for controlling home appliances over UDP via android application.
- Skills Gained: coding in C/C++, module based code development, android app development, UX/UI, documentation and teamwork.

Technical skills:

Programming Languages:	C#, C, C++, Java, Python.
Game Engines:	Unity, Unreal Engine, Game Maker Studio.
Other Software:	Maya, Mudbox, Adobe Photoshop, Google Docs, Garage Band, FL Studio.
Compilers/Editors:	Visual Studio, MonoDevelop, Eclipse, Arduino, VIDE, XCode.
Version Controls:	Unity Collaborate, GitHub.
Frameworks:	LibGDX, Cocos2d, OpenGL.
Skills:	Virtual Reality, Augmented Reality, Networking, Documentation, Music Development, Home Automation Systems.
Others:	Project Management, Game design, User Interaction.

Online courses:

Successfully completed the following online courses: -

- Video Games and Learning offered by University of Wisconsin–Madison.
- Introduction to Game Development offered by Michigan State University.
- Game Development for Modern Platforms offered by Michigan State University.
- Objective C course at Code School.

Volunteering Activities:

- 121 Digital, helped senior citizens get accustomed with day to day technologies (2017).
- Waterford City Volunteering, helped in the smooth running of Waterford Christmas festival (2016).
- A Cadet of National Cadet Corporation for 4 years (2009 - 2013).

Participations & Achievements:

- Nominated amongst the top ten final year projects in the college.
- Won the Sun Life Enterprise & Innovation Award in 2017 for my final year project.
- Successfully made [Project Monkey](#) in the Global Game Jam 2017 using Unity.
- Participated in Google Hashcode 2017.
- Runner up in All Ireland Soccer League in 2015 representing WIT Soccer Team as the goalkeeper.
- Won All Ireland Soccer Cup in 2014 representing WIT Soccer Team as the goalkeeper.

Personal Details:

- Date of Birth: 19th April 1995
- Languages: Hindi (Native speaker), English (professional), French (learning)
- Hobbies: Sketching, Singing, Football and Photography

References:

References are available on request.